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本公司對產品保有修改、股變權・目錄僅供參考・實際產品仍常依照工程圖為準。

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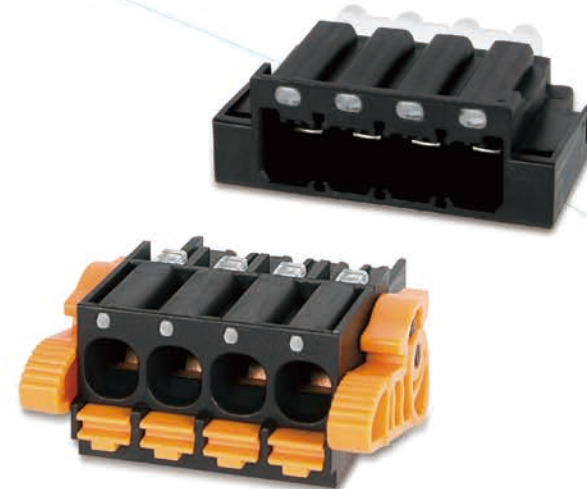
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# Terminal Block

Delight Through Connections



町洋國際股份有限公司  
DINKLE INTERNATIONAL CO., LTD.

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DC-27.2e

## Dinkle, Delight through connections

Dinkle is one of the global major manufacturers of terminal blocks and committed to meet the highest application requirements of automation industry.

We continuously improve our productivity and competitive advantages, while keeping pace with the new production techniques and the global industrial trend. We work with trading offices in over 40 countries providing products and technical support services.

The business was established in Taiwan on July 22nd, 1983, it started from manufacturing barrier type terminal blocks. The first production facilities in China were set up in 1995, with 15 sales offices in Greater China region. Dinkle facilities include an R&D center for terminal blocks in Jiangsu, two OEM product development centers in KunShan and DongGuan city, an R&D center for electronics in Taipei, a CNAS certified laboratory in Jiangsu and two main production facilities in Jiangsu and Guangdong.

Terminal blocks are widely used in six main industrial applications including Production Automation, Process Automation, Power Automation, Railway Transportation, New Energy and Equipment Manufacturing. All of our production facilities granted ISO 9001 quality control system certification and ISO 14001 environmental management system certification, and Dinkle's products have safety certifications include UL, CUL, CSA, VDE, GB. All products and materials used meet EU environmental policy of RoHS Directive and REACH regulation.

With more than 30 years of manufacturing experiences, Dinkle team is here to help to make your business successful. We provide reliable products and offer professional technical support and practical example to illustrate our solutions which are able to assist your business of improving production automation level and technical standard. No matter what your requirement is, you will find out the ideal solutions from Dinkle.



# Table of Contents

## PID (Push-In Design) Plug - Pluggable PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	150	4	ESC250V-XXP	26		5.00	300	6	0184-34XX	31	
2.54	150	5	0156-1AXX-BK	3	Screw flange	5.00	300	10	0226-01XX	14	Screw flange/light pipe
2.54	150	5	0156-1BXX-BK	3		5.00	300	10	0226-02XX	14	Lock flange/light pipe
2.54	150	5	0156-1CXX-BK	3	Lock flange	5.00	300	10	0226-03XX	14	Light pipe
2.54	150	5	0156-1DXX-BK	3	Release tool	5.00	300	10	0226-06XX	15	Screw flange
3.50	150	2	0191-01XX	32		5.00	300	10	0226-07XX	15	Lock flange
3.50	150	2	0191-01XXC	32	With cover	5.00	300	10	0226-08XX	15	
3.50	150	6	0184-11XX	31		5.00	300	10	5ESDS-XXP	28	
3.50	150	6	0184-12XX	31		5.00	300	10	5ESDSM-XXP	29	Screw flange
3.50	150	6	0184-13XX	31		5.00	300	10	5ESDSR-XXP	28	
3.50	150	6	0184-14XX	31		5.00	300	10	5ESDSRM-XXP	29	Screw flange
3.50	150	8	0156-2AXX-BK	4	Screw flange	5.00	300	10	5ESV-XXP	18	
3.50	150	8	0156-2BXX-BK	4		5.00	300	10	5ESVK-XXP	18	Release tool
3.50	150	8	0156-2CXX-BK	4	Lock flange	5.00	300	10	5ESVM-XXP	18	Screw flange
3.50	150	8	0156-2DXX-BK	4	Release tool	5.00	300	10	5ESR-XXP	18	
3.50	150	8	0159-01XX	5	Screw flange	5.00	300	10	5ESRK-XXP	19	Release tool
3.50	150	8	0159-03XX	5		5.00	300	10	5ESRM-XXP	18	Screw flange
3.50	150	8	0159-04XX	5	Release tool	5.00	300	15	0161-01XX	23	Screw flange
3.50	300	8	0181-A1XX	22		5.00	300	15	0161-02XX	23	Lock flange
3.50	300	8	0181-A3XX	22		5.00	300	15	0161-03XX	23	
3.50	300	8	0191-06XX	32		5.00	300	15	0161-04XX	23	Release tool
3.50	300	8	0191-06XXC	32		5.00	300	15	0161-11XX	23	Screw flange/inverted contact
3.50	300	8	0221-20XX	6		5.00	300	15	0161-12XX	23	Lock flange/inverted contact
3.50	300	8	0221-21XX	7		5.00	300	15	0161-13XX	23	Inverted contact
3.50	300	8	0221-24XX	7		5.00	300	15	0161-14XX	23	Release tool/inverted contact
3.50	300	8	0221-28XX	7	Screw flange	5.00	300	15	0227-01XX	16	Screw flange/light pipe
3.50	300	8	0225-01XX	12	Screw flange/light pipe	5.00	300	15	0227-02XX	16	Lock flange/light pipe
3.50	300	8	0225-02XX	12	Lock flange/light pipe	5.00	300	15	0227-03XX	16	Light pipe
3.50	300	8	0225-03XX	12	Light pipe	5.00	300	15	0227-04XX	16	Release tool/light pipe
3.50	300	8	0225-06XX	13	Screw flange	5.00	300	15	0227-06XX	17	Screw flange
3.50	300	8	0225-07XX	13	Lock flange	5.00	300	15	0227-07XX	17	Lock flange
3.50	300	8	0225-08XX	13		5.00	300	15	0227-08XX	17	
3.50	300	8	ESC350V-XXP	27		5.00	300	15	0227-09XX	17	Release tool
3.50	300	8	ESC350VM-XXP	27		5.08	300	8	0225-04XX	11	Screw flange
3.81	300	8	0221-42XX	8		5.08	300	8	0225-05XX	11	Lock flange
3.81	300	8	0221-43XX	8	Screw flange	5.08	300	8	0225-09XX	11	
3.81	300	8	0221-44XX	8		5.08	300	8	0225-0AXX	11	Release tool
3.81	300	8	ESC381V-XXP	27		5.08	300	8	ESC508V-XXP	28	
3.81	300	8	ESC381VK-XXP	27	Release tool	5.08	300	8	ESC508VM-XXP	29	Screw flange
3.81	300	8	ESC381VM-XXP	27	Screw flange	5.08	300	10	2ESDS-XXP	28	
5.00	300	2	0191-02XX	32		5.08	300	10	2ESDSM-XXP	29	Screw flange
5.00	300	2	0191-02XXC	32		5.08	300	10	2ESDSR-XXP	28	
5.00	300	6	0184-31XX	31		5.08	300	10	2ESDSRM-XXP	29	Screw flange
5.00	300	6	0184-32XX	31		5.08	300	10	2ESDSV-XXP	18	
5.00	300	6	0184-33XX	31		5.08	300	10	2ESDSVM-XXP	19	Screw flange



## PID (Push-In Design) Plug - Pluggable PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.08	300	10	2ESDSVK-XXP	19	Release tool	7.62	300	10	3ESDS-XXP	30	
5.08	300	10	2ESR-XXP	20		7.62	300	10	3ESDSM-XXP	30	Screw flange
5.08	300	10	2ESRK-XXP	20	Release tool	7.62	300	10	3ESDSR-XXP	30	
5.08	300	10	2ESRM-XXP	20	Screw flange	7.62	300	10	3ESDSRM-XXP	30	Screw flange
5.08	300	10	2ESV-XXP	20		10.00	300	6	0184-81XX	30	
5.08	300	10	2ESVK-XXP	20	Release tool	10.00	300	6	0184-82XX	30	
5.08	300	10	2ESVM-XXP	20	Screw flange	10.00	300	6	0184-83XX	30	
5.08	300	12	2ESDB-XXP	28		10.00	300	6	0184-84XX	30	
5.08	300	12	2ESDBA-XXP	28							
5.08	300	12	2ESDBAM-XXP	29	Screw flange						
5.08	300	12	2ESDBM-XXP	29	Screw flange						
5.08	300	15	2ESS-XXP	20							
5.08	300	15	2ESSM-XXP	20	Screw flange						
5.08	300	16	0150-20XX	24	Lock flange beneath						
5.08	300	16	0150-21XX	24							
6.35	600	20	0150-30XX	25	Lock flange beneath						
6.35	600	20	0150-31XX	25							
7.00	300	6	0184-51XX	30							
7.00	300	6	0184-52XX	30							
7.00	300	6	0184-53XX	30							
7.00	300	6	0184-54XX	30							
7.50	600	18	0150-40XX	25							



## Screw Connection Plug - Pluggable PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	300	8	EC350F-XXP	35		4.00	300	10	0162-01XX	51	
3.50	300	8	EC350FM-XXP	35	Screw flange	4.00	300	10	0162-A1XX	51	
3.50	300	8	EC350R-XXP	34		5.00	300	7	ED130F-XXP	50	
3.50	300	8	EC350RM-XXP	34	Screw flange	5.00	300	12	ED130R-XXP	50	
3.50	300	8	EC350RL-XXP	34		5.00	300	15	5ESDA-XXP	37	
3.50	300	8	EC350RLM-XXP	34	Screw flange	5.00	300	15	5ESDAM-XXP	38	Screw flange
3.50	300	8	EC350V-XXP	34		5.00	300	15	5ESDF-XXP	37	
3.50	300	8	EC350VM-XXP	34	Screw flange	5.00	300	15	5ESDFM-XXP	37	Screw flange
3.81	300	8	EC381F-XXP	35		5.00	300	15	5ESDP-XXP	37	
3.81	300	8	EC381FM-XXP	35	Screw flange	5.00	300	15	5ESDPM-XXP	38	Screw flange
3.81	300	8	EC381R-XXP	34		5.00	300	15	5ESDPL-XXP	38	
3.81	300	8	EC381RM-XXP	34	Screw flange	5.00	300	15	5ESDPLM-XXP	38	Screw flange
3.81	300	8	EC381RL-XXP	34		5.00	300	15	5ESDT-XXP	38	
3.81	300	8	EC381RLM-XXP	34	Screw flange	5.00	300	15	5ESDV-XXP	38	
3.81	300	8	EC381V-XXP	34		5.00	300	15	5ESDVM-XXP	38	Screw flange
3.81	300	8	EC381VK-XXP	37		5.08	300	6	FDC508B-XXP	43	
3.81	300	8	EC381VM-XXP	34	Screw flange	5.08	300	6	FDC508B1-XXP	43	
3.81	300	8	EC381L-XXP	36		5.08	300	6	FDC508B3-XXP	43	
3.81	300	8	EC381LM-XXP	36		5.08	300	6	FDC508BM-XXP	43	



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## Screw Connection Plug - Pluggable PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.08	300	10	0164-01XX	51		7.62	300	15	3ESDV-XXP	42	
5.08	300	10	0164-01XX(T)	51		7.62	300	15	3ESDVM-XXP	42	Screw flange
5.08	300	10	0164-A1XX	51		7.62	300	30	EC762V-XXP	46	
5.08	300	10	0164-A1XX(T)	51		7.62	300	30	EC762VM-XXP	47	Screw flange
5.08	300	12	EC508F-XXP	36		7.62	300	30	EC762VN-XXP	46	
5.08	300	12	EC508FM-XXP	36	Screw flange	7.62	300	30	EC762VNM-XXP	47	Screw flange
5.08	300	12	EC508V-XXP	36		7.62	600	15	3ESNP-XXP	45	
5.08	300	12	EC508VM-XXP	36	Screw flange	7.62	600	18	3ESNPHL-XXP	45	
5.08	300	15	2ESDA-XXP	39		7.62	600	15	3ESNPL-XXP	45	
5.08	300	15	2ESDAM-XXP	40	Screw flange	7.62	600	15	3ESNPLM-XXP	46	Screw flange
5.08	300	15	2ESDF-XXP	39		7.62	600	15	3ESNPLS-XXP	45	
5.08	300	15	2ESDFM-XXP	39	Screw flange	7.62	600	15	3ESNPLSM-XXP	46	Screw flange
5.08	300	15	2ESDL-XXP	40		7.62	600	15	3ESNPLM-XXP	46	Screw flange
5.08	300	15	2ESDP-XXP	39		7.62	600	15	3ESNPS-XXP	45	
5.08	300	15	2ESDPM-XXP	39	Screw flange	7.62	600	15	3ESNPSM-XXP	46	
5.08	300	15	2ESDPL-XXP	40		7.62	600	25	0183-01XX	47	
5.08	300	15	2ESDPLM-XXP	40	Screw flange	7.62	600	25	0183-01XXTXX	47	
5.08	300	15	2ESDV-XXP	39		7.62	600	40	EC762HV-XXP	46	
5.08	300	15	2ESDVM-XXP	39	Screw flange	7.62	600	40	EC762HVN-XXP	46	
5.08	300	16	2ESDVB-XXP	40		7.62	600	40	EC762HVM-XXP	47	
5.08	300	16	2ESDVB-XXP	40	Screw flange	7.62	600	40	EC762HVM-XXP	47	Screw flange
7.50	300	15	7ESDP-XXP	41		10.16	600	51	0187-A4XX	48	
7.50	300	15	7ESDPM-XXP	41	Screw flange	10.16	600	51	EC116V-XXP	48	
7.50	300	15	7ESDPL-XXP	41		10.16	600	51	EC116VM-XXP	48	
7.50	300	15	7ESDPLM-XXP	41	Screw flange						
7.50	300	15	7ESDV-XXP	41							
7.50	300	15	7ESDVM-XXP	41	Screw flange						
7.62	300	15	3ESDP-XXP	42							
7.62	300	15	3ESDPM-XXP	42	Screw flange						
7.62	300	15	3ESDPL-XXP	42							
7.62	300	15	3ESDPLM-XXP	42	Screw flange						



## Screw Connection Inverted Pluggable PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	150	12	CPC350-XXP	52	PCB connection	5.08	300	12	2ESH-XXP	52	
3.50	300	8	EC350CR-XXP	53		5.08	300	12	2ESHM-XXP	52	Screw flange
3.50	300	8	EC350CV-XXP	53		7.62	300	15	3ESDHM-XXP	54	Threaded flange
3.81	300	8	EC381CR-XXP	53		7.62	300	15	3ESH-XXP	54	
3.81	300	8	EC381CV-XXP	53							
3.81	300	8	ECSH381V-XXP	52							
5.00	300	15	5ESN-XXP	54							
5.00	300	16	5ESDG-XXP	52	PCB connection						
5.08	300	12	2EHRD-XXP	54							
5.08	300	12	2EHRDM-XXP	54	Threaded flanges						
5.08	300	12	2EHDRS-XXP	54							
5.08	300	12	2EHDRSM-XXP	54	Threaded flange						
5.08	300	12	2ESDCR-XXP	53							
5.08	300	12	2ESDCRM-XXP	53	Threaded flange						
5.08	300	12	2ESDCV-XXP	53							
5.08	300	12	2ESDCVM-XXP	53	Threaded flange						



## Headers (Sockets) For Pluggable PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	150	4	ECH250R-XXP	55		3.50	150	8	0156-21XX-BK	4	Threaded flange/release tool
2.50	150	4	ECH250V-XXP	55		3.50	150	8	0156-21XXL	4	THR
2.50	150	4	ECHB250R-XXP	62		3.50	150	8	0156-21XX-BK-WR	71	
2.50	150	4	ECHB250V-XXP	62		3.50	150	8	0156-21XXLWR	71	THR
2.54	150	5	0156-10XX	3		3.50	150	8	0156-24XX-BK	4	
2.54	150	5	0156-10XXL	3	THR	3.50	150	8	0156-24XXL	4	THR
2.54	150	5	0156-12XX	3	Threaded flange/release tool	3.50	150	8	0156-24XX-BK-WR	71	
2.54	150	5	0156-12XXL	3	THR	3.50	150	8	0156-24XXLWR	71	THR
2.54	150	5	0156-13XX	3	Threaded flange/release tool	3.50	150	8	0156-25XX-BK	4	
2.54	150	5	0156-13XXL	3	THR	3.50	150	8	0156-25XXL	4	THR
2.54	150	5	0156-15XX	3		3.50	150	8	0156-25XX-BK-WR	71	
2.54	150	5	0156-15XXL	3	THR	3.50	150	8	0156-25XXLWR	71	THR
2.54	150	5	0156-16XX	3	Lock flange	3.50	150	8	0156-26XX-BK	4	Threaded flange/release tool
2.54	150	5	0156-16XXL	3	THR	3.50	150	8	0156-26XXL	4	THR
2.54	150	5	0156-17XX	3	Threaded flange/release tool	3.50	150	8	0156-26XX-BK-WR	71	
2.54	150	5	0156-17XXL	3	THR	3.50	150	8	0156-26XXLWR	71	THR
2.54	150	5	0156-18XX	3	Threaded flange/release tool	3.50	150	8	0156-29XX-BK	4	Lock flange
2.54	150	5	0156-18XXL	3	THR	3.50	150	8	0156-29XXL	4	THR
2.54	150	5	0156-19XX	3	Lock flange	3.50	150	8	0156-29XX-BK-WR	71	
2.54	150	5	0156-19XXL	3	THR	3.50	150	8	0156-29XXLWR	71	THR
3.50	150	2	0191-11XXTH	32	PIN strip, THR	3.50	150	8	0159-11XX	5	Threaded flange/release tool
3.50	150	8	0156-20XX-BK	4		3.50	150	8	0159-11XXL	5	THR
3.50	150	8	0156-20XXL	4	THR	3.50	150	8	0159-11XXLWR	71	
3.50	150	8	0156-20XX-BK-WR	71		3.50	150	8	0159-11XXLWR	71	THR
3.50	150	8	0156-20XXLWR	71	THR	3.50	150	8	0159-12XX	5	Threaded flange/release tool

## Accessories

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
			SDH-002	25	Wire entry tool				ECHG1	57	Light pipe
			SDH-003	25	Wire entry tool				0159K1L	5	
			CSC-01XX	49	Jumper						
			ECHK1	49	Key coding						
			ECHK1L	49	Key coding, THR						
			ECHK2	49	Key coding						
			ESDK1	49	Key coding						
			ESDK2	49	Key coding						
			EHDK1	49	Key coding						
			EHDK1L	49	Key coding, THR						



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## Headers (Sockets) For Pluggable PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	150	8	0159-12XXL	5	THR	3.50	300	8	ECH350R-XXPWR	73	
3.50	150	8	0159-12XXWR	71		3.50	300	8	ECH350R-XXPLWR	73	
3.50	150	8	0159-12XXLWR	71	THR	3.50	300	8	ECH350RM-XXP	57	Threaded flange
3.50	150	8	0159-31XX	5		3.50	300	8	ECH350RM-XXPL	66	THR
3.50	150	8	0159-31XXL	5	THR	3.50	300	8	ECH350RM-XXPWR	73	
3.50	150	8	0159-31XXWR	71		3.50	300	8	ECH350RM-XXPLWR	73	THR
3.50	150	8	0159-31XXLWR	71	THR	3.50	300	8	ECH350RJ-XXPL	67	
3.50	150	8	0159-32XX	5		3.50	300	8	ECH350RR-XXP	57	
3.50	150	8	0159-32XXL	5	THR	3.50	300	8	ECH350RR-XXPL	67	THR
3.50	150	8	0159-32XXWR	71		3.50	300	8	ECH350RR-XXPWR	72	
3.50	150	8	0159-32XXLWR	71	THR	3.50	300	8	ECH350RR-XXPLWR	72	THR
3.50	300	8	0191-16XXTH	32		3.50	300	8	ECH350RRM-XXP	57	Threaded flange
3.50	300	8	0221-22XX-BK	6		3.50	300	8	ECH350RRM-XXPL	67	THR
3.50	300	8	0221-22XXL	6	THR	3.50	300	8	ECH350RRM-XXPWR	72	
3.50	300	8	0221-23XXL	6	THR	3.50	300	8	ECH350RRM-XXPLWR	72	THR
3.50	300	8	0221-25XX-BK	6		3.50	300	8	ECH350RT-XXPL	67	THR
3.50	300	8	0221-25XXL	6	THR	3.50	300	8	ECH350RT-XXPLWR	73	THR
3.50	300	8	0221-26XXL	7	THR	3.50	300	8	ECH350V-XXP	56	
3.50	300	8	0221-27XX-BK	7		3.50	300	8	ECH350V-XXPL	66	THR
3.50	300	8	0221-27XXL	7	THR	3.50	300	8	ECH350V-XXPWR	72	
3.50	300	8	0221-35XXL	7	THR	3.50	300	8	ECH350V-XXPLWR	72	THR
3.50	300	8	0221-36XXL	7	THR	3.50	300	8	ECH350VM-XXP	56	Threaded flange
3.50	300	8	0221-41XX-BK	6		3.50	300	8	ECH350VM-XXPL	67	THR
3.50	300	8	0221-41XXL	6	THR	3.50	300	8	ECH350VM-XXPWR	72	
3.50	300	8	0225-11XX	12	Threaded flange/light pipe	3.50	300	8	ECH350VM-XXPLWR	72	THR
3.50	300	8	0225-12XX	12	Threaded flange/light pipe	3.50	300	8	ECH350VJ-XXPL	67	THR
3.50	300	8	0225-16XX	13	Threaded flange	3.50	300	8	ECH350VT-XXPL	67	THR
3.50	300	8	0225-16XXL	13	THR	3.50	300	8	ECH350VT-XXPLWR	73	THR
3.50	300	8	0225-17XX	13	Threaded flange	3.50	300	8	ECHB350R-XXP	63	
3.50	300	8	0225-17XXL	13	THR	3.50	300	8	ECHB350R-XXPWR	63	Threaded flange
3.50	300	8	0225-21XX	12	Lock flange/light pipe	3.50	300	8	ECHB350V-XXP	63	
3.50	300	8	0225-22XX	12	Lock flange/light pipe	3.50	300	8	ECHB350VM-XXP	63	Threaded flange
3.50	300	8	0225-26XX	13	Lock flange	3.50	300	8	EECH350R-XXP	64	
3.50	300	8	0225-26XXL	13	THR	3.50	300	8	EECH350RM-XXP	65	Threaded flange
3.50	300	8	0225-27XX	13	Lock flange	3.50	300	8	EECH350V-XXP	64	
3.50	300	8	0225-27XXL	13	THR	3.50	300	8	EECH350VM-XXP	64	Threaded flange
3.50	300	8	0225-31XX	12	Light pipe	3.81	300	8	0221-33XX-BK	8	
3.50	300	8	0225-32XX	12	Light pipe	3.81	300	8	0221-33XXL	8	THR
3.50	300	8	0225-36XX	13		3.81	300	8	0221-39XX-BK	8	
3.50	300	8	0225-36XXL	13	THR	3.81	300	8	0221-39XXL	8	THR
3.50	300	8	0225-37XX	13		3.81	300	8	0221-51XX-BK	8	Threaded flange
3.50	300	8	0225-37XXL	13	THR	3.81	300	8	0221-51XXL	8	THR
3.50	300	8	ECH350H-XXP	57		3.81	300	8	0221-52XX-BK	8	Threaded flange
3.50	300	8	ECH350R-XXP	56		3.81	300	8	0221-52XXL	8	THR
3.50	300	8	ECH350R-XXPL	67	THR	3.81	300	8	ECH381A-XXP	56	



## Headers (Sockets) For Pluggable PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.81	300	8	ECH381AM-XXP	56	Threaded flange	5.00	300	10	0226-12XX	14	Threaded flange/light pipe
3.81	300	8	ECH381H-XXP	57		5.00	300	10	0226-16XX	15	
3.81	300	8	ECH381R-XXP	56		5.00	300	10	0226-16XXL	15	THR
3.81	300	8	ECH381R-XXPL	67	THR	5.00	300	10	0226-17XX	15	
3.81	300	8	ECH381R-XXPWR	73		5.00	300	10	0226-17XXL	15	THR
3.81	300	8	ECH381R-XXPLWR	73	THR	5.00	300	10	0226-21XX	14	Lock flange/light pipe
3.81	300	8	ECH381RM-XXP	57	Threaded flange	5.00	300	10	0226-22XX	14	Lock flange/light pipe
3.81	300	8	ECH381RM-XXPL	67	THR	5.00	300	10	0226-26XX	15	Lock flange
3.81	300	8	ECH381RM-XXPWR	73		5.00	300	10	0226-26XXL	15	THR
3.81	300	8	ECH381RM-XXPLWR	73	THR	5.00	300	10	0226-27XX	15	Lock flange
3.81	300	8	ECH381RJ-XXPL	66	THR	5.00	300	10	0226-27XXL	15	THR
3.81	300	8	ECH381RG-XXP	57		5.00	300	10	0226-31XX	14	Light pipe
3.81	300	8	ECH381RR-XXP	57		5.00	300	10	0226-32XX	14	Light pipe
3.81	300	8	ECH381RR-XXPL	67	THR	5.00	300	10	0226-36XX	15	
3.81	300	8	ECH381RR-XXPWR	73		5.00	300	10	0226-36XXL	15	THR
3.81	300	8	ECH381RR-XXPLWR	73	THR	5.00	300	10	0226-37XX	15	
3.81	300	8	ECH381RRM-XXP	57	Threaded flange	5.00	300	10	0226-37XXL	15	THR
3.81	300	8	ECH381RRM-XXPL	67	THR	5.00	300	12	EDH130-21XX	50	PIN strip
3.81	300	8	ECH381RRM-XXPWR	73		5.00	300	12	EDH130-21XXTHT	50	PIN strip, THR
3.81	300	8	ECH381RRM-XXPLWR	73	THR	5.00	300	15	0227-11XX	16	Threaded flange/light pipe
3.81	300	8	ECHP381V-XXP	56	Solder/Slip-on connection	5.00	300	15	0227-12XX	16	Threaded flange/light pipe
3.81	300	8	ECH381V-XXP	56		5.00	300	15	0227-16XX	17	Threaded flange
3.81	300	8	ECH381V-XXPL	66	THR	5.00	300	15	0227-16XXL	17	THR
3.81	300	8	ECH381V-XXPWR	72		5.00	300	15	0227-17XX	17	Threaded flange
3.81	300	8	ECH381V-XXPLWR	72	THR	5.00	300	15	0227-17XXL	17	THR
3.81	300	8	ECH381VM-XXP	56	Threaded flange	5.00	300	15	0227-21XX	16	Lock flange/light pipe
3.81	300	8	ECH381VM-XXPL	66	THR	5.00	300	15	0227-22XX	16	Lock flange/light pipe
3.81	300	8	ECH381VM-XXPWR	72		5.00	300	15	0227-26XX	17	Lock flange
3.81	300	8	ECH381VM-XXPLWR	72	THR	5.00	300	15	0227-26XXL	17	THR
3.81	300	8	ECH381VJ-XXPL	66	THR	5.00	300	15	0227-27XX	17	Lock flange
3.81	300	8	ECHB381R-XXP	62		5.00	300	15	0227-27XXL	17	THR
3.81	300	8	ECHB381RM-XXP	63	Threaded flange	5.00	300	15	0227-31XX	16	Release tool/light pipe
3.81	300	8	ECHB381RRD-XXP	63		5.00	300	15	0227-32XX	16	Release tool/light pipe
3.81	300	8	ECHB381RRM-XXP	63	Threaded flange	5.00	300	15	0227-36XX	17	Release tool
3.81	300	8	ECHB381V-XXP	62		5.00	300	15	0227-36XXL	17	THR
3.81	300	8	ECHB381VM-XXP	62	Threaded flange	5.00	300	15	0227-37XX	17	Release tool
3.81	300	8	EECH381R-XXP	64		5.00	300	15	0227-37XXL	17	THR
3.81	300	8	EECH381RM-XXP	65	Threaded flange	5.00	300	15	5EEHDR-XXP	64	
3.81	300	8	EECH381V-XXP	64		5.00	300	15	5EEHDRM-XXP	64	Threaded flange
3.81	300	8	EECH381VM-XXP	64	Threaded flange	5.00	300	15	5EEHDV-XXP	64	
4.00	300	10	0162-11XX	51		5.00	300	15	5EEHDVM-XXP	64	Threaded flange
5.00	300	2	0191-12XXTH	32		5.00	300	15	5EHDBR-XXP	62	
5.00	300	7	EDH130F-XX/12.6	50	PIN strip	5.00	300	15	5EHDBRM-XXP	63	Threaded flange
5.00	300	7	EDH130F-XXTH126	50	PIN strip, THR	5.00	300	15	5EHDBV-XXP	62	
5.00	300	10	0226-11XX	14	Threaded flange/light pipe	5.00	300	15	5EHDBVM-XXP	62	Threaded flange

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## Headers (Sockets) For Pluggable PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.00	300	15	5EHDK-XXP/T	58	Lock flange	5.08	300	8	0225-57XX	11	Lock flange
5.00	300	15	5EHDKM-XXP/T	59	Threaded flange	5.08	300	8	0225-66XX	11	
5.00	300	15	5EHDKPM-XXP	59	Threaded flange	5.08	300	8	0225-67XX	11	
5.00	300	15	5EHDR-XXP	57		5.08	300	8	0225-76XX	11	Release tool
5.00	300	15	5EHDR-XXPL	69	THR	5.08	300	8	0225-77XX	11	Release tool
5.00	300	15	5EHDR-XXPWR	75		5.08	300	10	0164-11XX	51	
5.00	300	15	5EHDR-XXPLWR	75	THR	5.08	300	12	ECH508R-XXP	58	
5.00	300	15	5EHDRC-XXP	57		5.08	300	12	ECH508RM-XXP	59	Threaded flange
5.00	300	15	5EHDRC-XXPL	69	THR	5.08	300	12	ECH508V-XXP	58	
5.00	300	15	5EHDRC-XXPWR	75		5.08	300	12	ECH508VM-XXP	58	Threaded flange
5.00	300	15	5EHDRC-XXPLWR	75	THR	5.08	300	15	2EEHDR-XXP	64	
5.00	300	15	5EHDRM-XXP	57	Threaded flange	5.08	300	15	2EEHDM-XXP	65	Threaded flange
5.00	300	15	5EHDRM-XXPL	69	THR	5.08	300	15	2EEHDV-XXP	64	
5.00	300	15	5EHDRM-XXPWR	75		5.08	300	15	2EEHDVM-XXP	64	Threaded flange
5.00	300	15	5EHDRM-XXPLWR	75	THR	5.08	300	15	2EHDA-XXP	58	
5.00	300	15	5EHDRR-XXP	58		5.08	300	15	2EHDA-XXP	58	
5.00	300	15	5EHDRR-XXPL	68	THR	5.08	300	15	2EHDBR-XXP	62	
5.00	300	15	5EHDRR-XXPWR	74		5.08	300	15	2EHDBRM-XXP	63	Threaded flange
5.00	300	15	5EHDRR-XXPLWR	74	THR	5.08	300	15	2EHDBV-XXP	62	
5.00	300	15	5EHDRRC-XXP	58		5.08	300	15	2EHDBVM-XXP	62	Threaded flange
5.00	300	15	5EHDRRC-XXPL	68	THR	5.08	300	15	2EHDP-XXP	58	Solder/Slip-on connection
5.00	300	15	5EHDRRC-XXPWR	74		5.08	300	15	2EHDR-XXP	59	
5.00	300	15	5EHDRRC-XXPLWR	74	THR	5.08	300	15	2EHDR-XXPL	69	THR
5.00	300	15	5EHDRRM-XXPL	68	THR	5.08	300	15	2EHDR-XXPWR	75	
5.00	300	15	5EHDRRM-XXPLWR	74	THR	5.08	300	15	2EHDR-XXPLWR	75	THR
5.00	300	15	5EHDV-XXP	56		5.08	300	15	2EHDR-XXP	59	
5.00	300	15	5EHDV-XXPL	68	THR	5.08	300	15	2EHDR-XXPL	69	THR
5.00	300	15	5EHDV-XXPWR	74		5.08	300	15	2EHDR-XXPWR	75	
5.00	300	15	5EHDV-XXPLWR	74	THR	5.08	300	15	2EHDR-XXPLWR	75	THR
5.00	300	15	5EHDVC-XXP	56		5.08	300	15	2EHDRM-XXP	59	Threaded flange
5.00	300	15	5EHDVC-XXPL	68	THR	5.08	300	15	2EHDRM-XXPL	69	THR
5.00	300	15	5EHDVC-XXPWR	74		5.08	300	15	2EHDRM-XXPWR	75	
5.00	300	15	5EHDVC-XXPLWR	74	THR	5.08	300	15	2EHDRM-XXPLWR	75	THR
5.00	300	15	5EHDVM-XXP	56	Threaded flange	5.08	300	15	2EHDRM-XXPL	68	THR
5.00	300	15	5EHDVM-XXPL	68	THR	5.08	300	15	2EHDRRC-XXPL	68	THR
5.00	300	15	5EHDVM-XXPWR	74		5.08	300	15	2EHDRRM-XXPL	68	THR
5.00	300	15	5EHDVM-XXPLWR	74	THR	5.08	300	15	2EHDRM-XXP	58	
5.08	300	6	FDCH508R-XXP	43		5.08	300	15	2EHDV-XXPL	68	THR
5.08	300	6	FDCH508RM-XXP	43		5.08	300	15	2EHDV-XXPWR	74	
5.08	300	8	0225-46XX	11	Threaded flange	5.08	300	15	2EHDV-XXPLWR	74	THR
5.08	300	8	0225-47XX	11	Threaded flange	5.08	300	15	2EHDVC-XXP	58	
5.08	300	8	0225-56XX	11	Lock flange	5.08	300	15	2EHDVC-XXPL	68	THR

## Headers (Sockets) For Pluggable PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.08	300	15	2EHDVC-XXPWR	74		7.62	300	25	0183-11XTXX	47	
5.08	300	15	2EHDVC-XXPLWR	74	THR	7.62	300	30	ECH762R-XXP	61	
5.08	300	15	2EHDVM-XXP	58	Threaded flange	7.62	300	30	ECH762RM-XXP	61	Threaded flange
5.08	300	15	2EHDVM-XXPL	68	THR	7.62	300	30	ECH762RR-XXP	60	
5.08	300	15	2EHDVM-XXPWR	74		7.62	300	30	ECH762RRR-XXP	60	Threaded flange
5.08	300	15	2EHDVM-XXPLWR	74	THR	7.62	300	30	ECH762RRT-XXP	60	
5.08	300	16	0150-26XX	24		7.62	300	30	ECH762RTM-XXP	61	Threaded flange
6.35	600	20	0150-36XX	25		7.62	300	30	ECH762V-XXP	60	
7.50	300	18	0150-46XX	25		7.62	300	30	ECH762VM-XXP	60	Threaded flange
7.50	300	15	7EHDR-XXP	61		7.62	300	30	ECH762VTM-XXP	60	Threaded flange
7.50	300	15	7EHDRC-XXP	61		7.62	600	40	ECH762HR-XXP	61	
7.50	300	15	7EHDVM-XXP	61	Threaded flange	7.62	600	40	ECH762HRR-XXP	61	
7.50	300	15	7EHDV-XXP	60		10.16	300	51	ECH116RM-XXP	48	
7.50	300	15	7EHDVC-XXP	60		10.16	300/600	51/5	ECH116V-XXP	48	
7.50	300	15	7EHDVM-XXP	60	Threaded flange	10.16	300/600	51/5	ECH116R-XXP	49	
7.62	300	15	3EHDR-XXP	61		10.16	300/600	51/5	ECH116L-XXP	48	
7.62	300	15	3EHDR-XXPWR	75		10.16	600	51	ECH116VH-XXP	49	
7.62	300	15	3EHDRC-XXP	61							
7.62	300	15	3EHDRC-XXPWR	75							
7.62	300	15	3EHDRRC-XXP	61							
7.62	300	15	3EHDRM-XXP	61	Threaded flange						
7.62	300	15	3EHDRM-XXPWR	75							
7.62	300	15	3EHDV-XXP	60							
7.62	300	15	3EHDV-XXPWR	74							
7.62	300	15	3EHDVC-XXP	60							
7.62	300	15	3EHDVC-XXPWR	74							
7.62	300	15	3EHDVM-XXP	60	Threaded flange						
7.62	300	15	3EHDVM-XXPWR	74							
7.62	300	25	0183-11XX	47							

## PID (Push-In Design) PCB Type Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	150	2	0136-11XX	77		3.50	300	5	0137-40XX	78	
2.50	150	5	0188-01XXL	76	THR	3.50	300	5	0137-41XX	78	
2.50	150	5	0188-01XXSMD	76	THR	3.50	300	6	0136-20XX	77	
2.50	150	5	0188-02XXL	76	THR	3.50	300	6	0136-21XX	77	
2.50	150	5	0188-02XXSMD	76	THR	3.50	300	9	0151-01XX	78	
2.50	300	2	0136-10XX	77		3.50	300	9	0151-02XX	78	
2.54	150	5	0138-10XX	77		3.50	300	10	0151-01XXL	78	THR
2.54	150	5	0138-11XX	77		3.50	300	10	0151-02XXL	78	THR
2.54	150	5	141V-XXP	77		3.50	300	10	0177-31XX	82	
2.54	150	5	141R-XXP	77		3.50	300	10	0177-33XX	82	

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## PID (Push-In Design) PCB Type Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	300	10	0185-11XX	79		5.08	300	12	0138-60XXL	80	
3.50	300	10	0185-12XX	79		5.08	300	12	0138-61XX	80	THR
3.50	300	12	0138-50XX	78		5.08	300	12	0138-61XXL	80	
3.50	300	12	0138-50XXL	78	THR	6.35	600	25	0177-76XX	83	THR
3.50	300	12	0138-51XX	78		6.35	600	25	0177-78XX	83	
3.50	300	12	0138-51XXL	78	THR	7.50	300	20	0177-51XXP3	83	
3.81	300	10	0141-01XX	79		7.50	300	20	0177-53XXP3	83	
3.81	300	10	0141-22XX	79		7.50	600	36	0177-86XX	83	
5.00	300	10	0137-11XX	79		7.50	600	36	0177-88XX	83	
5.00	300	10	0138-70XX	80		10.00	300	10	0152-41XX	81	
5.00	300	10	0138-76XX	80		10.00	600	20	0153-41XX	81	
5.00	300	10	0152-01XX	80		10.00	600	66	0177-06XX	83	
5.00	300	10	0152-02XX	80		10.00	600	66	0177-08XX	83	
5.00	300	10	0185-31XX	79							
5.00	300	10	0185-32XX	79							
5.00	300	20	0153-01XX	80							
5.00	300	20	0153-02XX	80							
5.00	300	20	0177-51XX	82							
5.00	300	20	0177-53XX	82							
5.08	300	10	0141-21XX	81							
5.08	300	10	0141-24XX	81							
5.08	300	10	142R-XXP	81							
5.08	300	10	142V-XXP	81							
5.08	300	12	0138-60XX	80							

## Screw Connection PCB Type Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.08	300	13.5	ELK508V-XXP	86		7.50	300	20/26	DT-123RA-XXP3	92	
5.08	300	13.5	EELK508V-XXP	86	Double decked	7.50	300	20/26	DT-123VA-XXP3	92	
5.08	300	13.5	E2LK508V-XXP	87		7.50	600	20	DT-123HVR-XXP	92	
5.08	300	20	EK508A-XXP	86		7.50	300/600	30/5	ESK750V-XXP	90	
5.08	300	20	EK508R-XXP	87		7.62	300	25	EHK3V-XXP	91	
5.08	300	20	EK508V-XXP	87		7.62	300	30	DT-2320-XXP	93	
5.08	300	20	EK508V2L-XXP	88	Double decked	7.62	300	30	DT-2321-XXP	93	
5.08	300	20	EK508V3L-XXP	88	Triple decked	7.62	300/600	30/5	EKB762V-XXP	91	
5.08	300	20	EK508V4L-XXP	88	Double decked	7.62	300/600	30/5	ESK762V-XXP	90	
5.08	300	20	EEK508V-XXP	89	High profile	9.52	300/600	30/5	EK950V-XXP	91	
5.08	300	20	EESK508V-XXP	88	High profile	9.52	600	30	EK950HVN-XXP	91	
5.08	300	20	E3K508V-XXP	89	High profile	10.00	300		PDS-10A-XX	93	
5.08	300	20	E3SK508V-XXP	89	High profile	10.00	300	65	PDS-10-XX	93	
5.08	300	20	ESK508V3L-XXP	89	Triple decked	10.00	300	65	PDS-10S-XXP	93	
5.08	300	20	ESK508V4L-XXP	89	Double decked	10.00	300		PDS-10SA-XX	93	
5.08	300	23	ESK508V-XXP	88		10.16	300/600	65/5	ESK116R-XXPAM	90	
5.08	300	25	E2HK508V-XXPAM	89	High profile	10.16	300/600	65/5	ESK116V-XXP	90	
5.08	300	25	EEHK508V-XXP	88	Double decked	10.16	300	65	ESKW116V-XXP	91	
5.08	300	25	EHK2V-XXP	88		10.16	600	57/65	EPK116VN-XXP	91	
5.08	300	25	EHK508R-XXP	88		15.00	600	115	ESK150V-XXP	90	
5.08	300	25	EHK508V2L-XXP	89	Double decked	15.00	600	115	ESK150VM-XXP	90	
5.08	300	25	EHK508V3L-XXP	89	Triple decked	20.00	600	200	ESK200VM-XXP	91	
6.35	300	30	DT-2300-XXP	93							
6.35	300	30	DT-2301-XXP	93							
6.35	300	30	EKB635V-XXP	88	Double decked						
6.35	300	30	ESK635V-XXP	88							
6.35	600	35	EPK635VN-XXP	89							
7.50	300	25	EHK7V-XXP	90							

## Screw Connection PCB Type Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.54	150	10	EK254V-XXP	84		5.00	300	20	E2HK500V-XXPAM	87	High profile
3.50	300	10	EK350V-XXP	85		5.00	300	20	EHK5V3L-XXP	86	
3.50	300	10	EK350V4L-XXP	85	Double decked	5.00	300	20	EK500A-XXP	86	
3.81	300	10	EHK381V-XXP	84		5.00	300	20	EK500R-XXP	86	
3.81	300	12	EK381V-XXP	85		5.00	300	20	EK500V-XXP	86	
3.81	300	12	EK381V3L-XXP	85	Triple decked	5.00	300	20	EK500V2L-XXP	87	Double decked
3.81	300	12	EK381V4L-XXP	84	Double decked	5.00	300	20	EK500V3L-XXP	87	Triple decked
3.81	300	12	EEK381V-XXP	85		5.00	300	20	EK500V4L-XXP	87	
3.81	300	12	EESK381V-XXP	84	High profile	5.00	300	20	EEK500V-XXP	86	
3.81	300	12	E3K381V-XXP	85	High profile	5.00	300	20	E3K500V-XXP	86	High profile
3.81	300	12	ESK381R-XXP	85		5.00	300	20	EHK500R-XXP	87	
3.81	300	12	ESK381V-XXP	85		5.00	300	25	EHK5V-XXP	87	
3.81	300	12	ESK381V4L-XXP	84	Double decked	5.00	300	20/26	DT-123RA-XXP	92	
5.00	300	13.5	ELK500S-XXP	85	Low profile	5.00	300	20/26	DT-123VA-XXP	92	
5.00	300	13.5	ELK500V-XXP	85	Low profile	5.08	300	13.5	ELK508S-XXP	87	

## Spring Clamp Connection - PCB Type Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	300	4	WKA250A-XXP	94		5.08	300	15	WKA508-XXP	94	
2.50	300	4	WKV250A-XXP	95		5.08	300	10	WKK508-XXP	95	
2.54	300	4	WKA254A-XXP	95		5.08	300	10	W3K508-XXP	95	
2.54	300	4	WKV254A-XXP	95		5.08	300	10	W4K508-XXP	95	
5.00	300	10	WKA50B-XXP	94		7.50	300	30	WSKA750S-XXP	95	
5.00	300	10	WKK500-XXP	95		10.00	300	57	WSKA100-XXP	95	
5.00	300	10	W3K500-XXP	95							
5.00	300	10	W4K500-XXP	95							
5.00	300	15	WKA500-XXP	94							
5.00	300	15	WKA500-XXPL	94	THR						
5.00	300	15	WSKA500S-XXP	94							



# Table of Contents



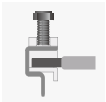
## PCB Terminal Blocks For Electronic Housing Applications

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.00	300	10	5ES-2PL	98		5.08	300	8	0228-23XX	97	
5.00	300	10	5ES-2PR	99		7.50	300	20	7ES-3PL	98	
5.00	300	10	5ES-3PL	98		7.50	300	20	7ES-3PR	98	
5.00	300	10	5ES-3PR	99		9.00	300	8	0171-10XX	97	Light pipe
5.00	300	10	5ES-4PL	98		9.00	300	8	0171-11XX	97	Light pipe
5.00	300	10	5ES-4PR	99		9.00	300	8	0171-60XX	97	
5.00	300	15	5EH-2PL	98		12.50	300	15	0171-20XX	97	Light pipe
5.00	300	15	5EH-2PR	99		12.50	300	15	0171-21XX	97	Light pipe
5.00	300	15	5EH-3PL	98							
5.00	300	15	5EH-3PR	99							
5.00	300	15	5EH-4PL	98							
5.00	300	15	5EH-4PR	99							
5.00	300	20	0189-204PL	98							
5.00	300	20	0189-204PR	98							
5.08	300	8	0228-21XX	97							
5.08	300	8	0228-22XX	97							

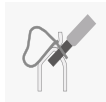
## Panel Feed-through Terminal Blocks

Capacity (mm <sup>2</sup> )	Voltage (V)	Current (A)	Part number	Page	Remarks	Capacity (mm <sup>2</sup> )	Voltage (V)	Current (A)	Part number	Page	Remarks
6	300	30	PPACN-4	100		25	600	85	PPACV-16	101	
6	300	30	PPACNV-4	100		25	600	85	PPACV-16Z	101	
	300	30	PPACNVH-4	103		35	600	115	PPAC-25	101	
16	300	65	PPACN-10	100		35	300/600	100	PPAC-25AS	102	
16	300	65	PPACN-10AS	102		50	600	150	PPAC-50	101	
16	300	65	PPACN-10Z	100		50	300/600	150/5	PPAC-50AS	102	
16	300	65	PPACNV-10	101		95	300	230	PPAC-95MAS	103	
16	300	65	PPACNV-10AS	102		95	600	230	PPAC-95	102	
16	300	65	PPACNV-10Z	101		95	600	230	PPAC-95M	102	
25	300	85	PPAC-16AS	102							
25	300	85	PPACV-16AS	102							
	300	115	PPAC-25MAS	101							
	300	115	PPAC-50MAS	101							
25	600	85	PPAC-16	101							

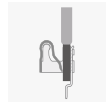
## Connection methods



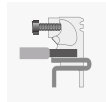
Screw connection



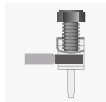
Spring clamp connection



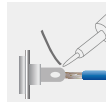
Push-in design



Front screw connection

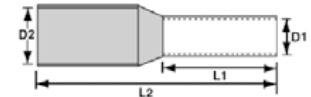


Wire protector type



Iron soldering

# Wire Ferrules



Unit:mm

Part No.	Wire Range		Dimension Unit:mm		Dimension Unit:mm		DIN Color	Package		Tools		
	AWG	mm <sup>2</sup>	D1	D2	L1	L2		pcs/bag	bags/box			
DN00206D	24	0.2	0.75	1.9	6	10	Light Blue	1000	10	<b>Note:</b> The wire diameter of the table is determined according to UL486E, IEC998-1 and IEC947-7. Please refer to the table to select suitable ferrules. All recommended ferrules in this catalogue are in accordance with this table.		
DN00208D					8	12						
DN00306D	22	0.34	0.8	1.9	6	10	Turouise					
DN00308D					8	12						
DN00506D	20	0.5	1	2.6	6	12	White	500	8			
DN00508D					8	14						
DN00510D					10	16						
DN00706D	18	0.75	1.2	2.8	6	12	Grey				500	6
DN00708D					8	14						
DN00710D					10	16						
DN00712D					12	18						
DN01006D	16	1.5	1.7	3.5	6	12	Red					
DN01008D					8	14						
DN01010D					10	16						
DN01012D					12	18						
DN01508D	14	2.5	2.2	4.2	8	14	Blue	500	3			
DN02510D					10	16						
DN02512D					12	18						
DN02518D					18	24						
DN04010D	12	4	2.8	4.8	10	17	Grey	200	2			
DN04012D					12	20						
DN04018D					18	26						
DN06012D	10	6	3.5	6.3	12	20	Yellow	100	1			
DN06018D					18	26						
DN10012D	7	10	4.5	7.6	12	22	Red	200	1			
DN10018D					18	28						
DN16012D	5	16	5.8	8.8	12	22	Blue	100	1			
DN16018D					18	28						
DN25016D	4	25	7.3	11.2	16	30	Yellow	50	1			
DN25018D					18	30						
DN25022D					22	36						
DN35016D	2	35	8.3	12.7	16	30	Red	50	1			
DN35018D					18	32						
DN35025D					25	39						
DN50020D	1	50	10.3	15	20	36	Blue	50	1			
DN50025D					25	40						
DN70021D	2/0	70	13.5	16	21	37	Yellow	50	1			
DN95025D	3/0	95	14.7	18	25	44	Red	20	1			
DN96027D	4/0	120	16.7	20	27	48	Blue	20	1			
DN97032D	250kcmil	150	19.5	23	32	58	Yellow	20	1			



DNT13-0101  
28-7 AWG  
0.08-10 mm<sup>2</sup>

# Wire Ferrules

## PID connection plugs & terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm <sup>2</sup>	L1	AWG			mm	Ferrule P/N	AWG	mm <sup>2</sup>	L1
30-20	0156-1AXX-BK	3	8	DN00308D	22	0.34	8	28-16	0151-02XX	78	10	DN00510D	20	0.5	10
	0156-1BXX-BK	3	8	DN00208D	22	0.25	8		141R-XXP	77	10	DN01012D	/	1	12
	0156-1CXX-BK	3	8						141V-XXP	77	10	DN00712D	18	0.75	12
	0156-1DXX-BK	3	8						0138-70XX	80	10	DN01510D	16	1.5	10
28-20	0136-10XX	77	8	DN00308D	22	0.34	8	26-14				DN01010D	/	1	10
	0136-11XX	77	8	DN00208D	22	0.25	8		DN00710D	18	0.75	10			
	0138-10XX	77	8						DN00510D	20	0.5	10			
	0138-11XX	77	8						0177-51XX	82	10	DN02510D	14	2.5	10
28-16	ESC250V-XXP	26	8					0177-53XX	82	10	DN01510D	16	1.5	10	
	0136-20XX	77	8	DN01008D	/	1	8				DN01010D	/	1	10	
	0136-21XX	77	8	DN00708D	18	0.75	8				DN00710D	18	0.75	10	
	0156-2AXX-BK	4	8	DN00508D	20	0.5	8				DN00510D	20	0.5	10	
	0156-2BXX-BK	4	8	DN00308D	22	0.34	8	2ESR-XXP	20	11	DN02512D	14	2.5	12	
	0156-2CXX-BK	4	8	DN00208D	24	0.25	8	2ESRK-XXP	20	11	DN01512D	16	1.5	12	
	0156-2DXX-BK	4	8					2ESRM-XXP	20	11	DN01012D	/	1	12	
	0191-01XX	32	8					2ESV-XXP	20	11	DN00712D	18	0.75	12	
	0138-50XX	78	9	DN01010D	/	1	10	3ESDSR-XXP	30	11					
	0138-50XXL	78	9	DN00710D	18	0.75	10	3ESDSRM-XXP	30	11					
	0138-51XX	82	9	DN00510D	20	0.5	10	5ESR-XXP	18	11					
	0138-51XXL	82	9					5ESRK-XXP	18	11					
	0141-01XX	79	9					5ESRM-XXP	18	11					
	0141-21XX	81	9					5ESV-XXP	18	11					
	0141-22XX	79	9					5ESVK-XXP	18	11					
	0141-24XX	81	9					5ESVM-XXP	18	11					
28-16	0152-01XX	80	9					5ESDS-XXP	28	12	DN02512D	14	2.5	12	
	0152-02XX	80	9					5ESDSM-XXP	29	12	DN01512D	16	1.5	12	
	0225-01XX	12	9					5ESDSR-XXP	28	12	DN01012D	/	1	12	
	0225-02XX	12	9					5ESDSRM-XXP	29	12	DN00712D	18	0.75	12	
	0225-03XX	12	9					2ESDS-XXP	28	12					
	0225-04XX	11	9					2ESDSM-XXP	29	12					
	0225-05XX	11	9					2ESDSR-XXP	28	12					
	0225-06XX	11	9					2ESDSRM-XXP	29	12					
	0225-07XX	13	9					2ESDSV-XXP	18	13	DN02512D	14	2.5	12	
	0225-08XX	13	9					2ESDSVK-XXP	19	13	DN01512D	16	1.5	12	
	0225-09XX	11	9					2ESDSVM-XXP	19	13	DN01012D	/	1	12	
	0225-0AXX	11	9								DN00712D	18	0.75	12	
	ESC508V-XXP	28	9					0137-40XX	78	9	DN00308D	22	0.34	8	
	ESC508VM-XXP	29	9					0137-41XX	79	9	DN00208D	24	0.25	8	

## PID connection plugs & terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules					
AWG			mm	Ferrule P/N	AWG	mm <sup>2</sup>	L1	AWG			mm	Ferrule P/N	AWG	mm <sup>2</sup>	L1		
24-16	0221-20XX	6	9	DN01010D	/	1	10	24-10	0177-76XX	83	13	DN04012D	12	4	12		
	0221-28XX	7	9	DN00710D	18	0.75	10		0177-78XX	83	13	DN02512D	14	2.5	12		
	0221-42XX	8	9	DN00510D	20	0.5	10					DN01512D	16	1.5	12		
	0221-43XX	8	9									DN01012D	/	1	12		
	0226-01XX	14	9									DN00712D	18	0.75	12		
	0226-02XX	14	9						24-8	0177-86XX	83	15	DN06018D	10	6	18	
	0226-03XX	14	9							0177-88XX	83	15	DN04018D	12	4	18	
	0226-06XX	15	9										DN02518D	14	2.5	18	
	0226-07XX	15	9										DN01518D	16	1.5	18	
	0226-08XX	15	9						22-14	142V-XXP	81	9	DN01510D	16	1.5	10	
	0159-01XX	5	10	DN01010D	/	1	10			141R-XXP	81	9	DN01010D	/	1	10	
	0159-03XX	5	10	DN00710D	18	0.75	10						DN00710D	18	0.75	10	
	0159-04XX	5	10	DN00510D	20	0.5	10						DN00510D	20	0.5	10	
	24-12	0181-A1XX	22	10						20-4	0177-06XX	83	20	DN10018D	7	10	18
		0181-A3XX	22	10							0177-08XX	83	20	DN06018D	10	6	18
		0177-31XX	82	10										DN04018D	12	4	18
0177-33XX		82	10									DN02518D	14	2.5	18		
0150-20XX		24	11	DN04012D	12	4	12					DN01518D	16	1.5	18		
0150-30XX		25	11	DN02512D	14	2.5	12	<b>Spring Clamp Connection Terminal Blocks</b>									
2ESS-XXP		20	11	DN01512D	16	1.5	12										
2ESSM-XXP		20	11	DN01012D	/	1	12	28-20	WKA250A-XXP		94	6	DN00306D	22	0.34	6	
			DN00712D	18	0.75	12	WKA254A-XXP		95	6	DN00206D	24	0.25	6			
2ESDB-XXP	28	12	DN02512D	14	2.5	12	WKA500-XXP		94	6	DN01008D	/	1	6			
2ESDBM-XXP	29	12	DN01512D	16	1.5	12	WKA508-XXP		94	6	DN00706D	18	0.75	6			
24-12	2ESDBA-XXP	28	12	DN01012D	/	1	12	28-12	WKK250A-XXP	95	6	DN00506D	20	0.5	6		
	2ESDBAM-XXP	29	12	DN00712D	18	0.75	12		WKK500-XXP	95	7	DN00306D	22	0.34	6		
	0161-01XX	23	13	DN02512D	14	2.5	12			DN00206D	24	0.25	6				
	0161-02XX	23	13	DN01512D	16	1.5	12			WKK508-XXP	95	7	DN02508D	14	2.5	8	
	0161-03XX	23	13	DN01012D	/	1	12			W4K508-XXP	95	7	DN01508D	16	1.5	8	
	0161-04XX	23	13	DN00712D	18	0.75	12		W4K500-XXP	95	7	DN01008D	18	1	8		
	0161-11XX	23	13						W4K508-XXP	95	7	DN00708D	/	0.75	8		
	0161-12XX	23	13						W3K500-XXP	95	7	DN00508D	20	0.5	8		
	0161-13XX	23	13						W3K508-XXP	95	7	DN00308D	22	0.34	8		
	0161-14XX	23	13									DN00208D	24	0.25	8		
	0227-01XX	16	13						WSKA500S-XXP	95	11	DN02512D	14	2.5	12		
	0227-02XX	16	13										DN01512D	16	1.5	12	
	0227-03XX	16	13										DN01012D	/	1	12	
	0227-04XX	16	13										DN00712D	18	0.75	8	
	0153-01XX	80	14	DN02512D	14	2.5	12										
	0153-02XX	80	14	DN01512D	16	1.5	12										
0227-06XX	17	13	DN01012D	/	1	12											
0227-07XX	17	13	DN00712D	18	0.75	12											
0227-08XX	17	13															
0227-09XX	17	13															





# Wire Ferrules

## Screw Connection Terminal Blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules									
AWG			mm	Ferrule P/N	AWG	mm <sup>2</sup>	L1	AWG			mm	Ferrule P/N	AWG	mm <sup>2</sup>	L1						
30-10	EKB635V-XXP	88	8	DN04012D	12	4	12	26-12	ESK508V-XXP	88	11	DN02512D	14	2.5	12						
				DN02512D	14	2.5	12					DN01512D	16	1.5	12						
				DN01512D	16	1.5	12					DN01012D	/	1	12						
				DN01012D	/	1	12					DN00712D	18	0.75	12						
				DN00712D	18	0.75	12					EK950V-XXP	91	7	DN02508D	14	2.5	8			
EK254V-XXP	84	6	DN01006D	/	1	8	EK950HVN-XXP	91	8	DN01508D	16				1.5	8					
			DN00706D	18	0.75	6				DN01008D	/				1	8					
			DN00506D	20	0.5	6				DN00708D	18				0.75	8					
			DN00306D	22	0.34	6				DN00508D	20				0.5	8					
			DN00206D	24	0.25	6				DN00308D	22	0.34	8								
28-16	0171-10XX	97	8	DN01008D	/	1	8	26-10	ESK635V-XXP	88	11	DN04012D	12	4	12						
				0171-11XX	97	8	DN00708D					18	0.75	8	DN02512D	14	2.5	12			
				0171-60XX	97	8	DN00508D					20	0.5	8	DN01512D	16	1.5	12			
							DN00308D					22	0.34	8	DN01012D	/	1	12			
							DN00208D					24	0.25	8	DN00712D	18	0.75	12			
28-14	CPC350-XXP	52	8	DN01508D	16	1.5	10	E2HK500V-XXPAM	87	7	DN02508D	14	2.5	8							
				DN01008D	/	1	8				E2HK508V-XXPAM	89	7	DN01508D	16	1.5	8				
				DN00708D	18	0.75	8							E3K500V-XXP	86	7	DN01008D	/	1	8	
				DN00508D	20	0.5	8							E3K508V-XXP	89	7	DN00708D	18	10.75	8	
				DN00308D	22	0.34	8							EEK500V-XXP	86	7	DN00508D	20	0.5	8	
DN00208D	24	0.25	8	EEK508V-XXP	89	7	DN00308D	22	0.34	8											
28-12	5ESDG-XXP	52	8	DN02508D	14	2.5	8	E2HK500V-XXPAM	87	7	DN02508D	14	2.5	8							
				DN01508D	16	1.5	8				E2HK508V-XXPAM	89	7	DN01508D	16	1.5	8				
				DN01008D	/	1	8							E3K500V-XXP	86	7	DN01008D	/	1	8	
				DN00708D	18	0.75	8							E3K508V-XXP	89	7	DN00708D	18	10.75	8	
				DN00508D	20	0.5	8							EEK500V-XXP	86	7	DN00508D	20	0.5	8	
DN00308D	22	0.34	8	EEK508V-XXP	89	7	DN00308D	22	0.34	8											
26-18	EELK508V-XXP	86	7	DN00508D	20	0.5	8	E2HK508V-XXPAM	89	7	DN00208D	24	0.25	8							
				DN00308D	22	0.34	8				E3K500V-XXP	86	7	DN00208D	24	0.25	8				
				DN00208D	24	0.25	8				E3K508V-XXP	89	7	DN00208D	24	0.25	8				
				26-16	EHK381V-XXP	84	7				DN0108D	/	1	8	E3K508V-XXP	89	7	DN00208D	24	0.25	8
											DN00708D	18	0.75	8				EEK500V-XXP	86	7	DN00208D
DN00508D	20	0.5	8					EEK508V-XXP	89	7	DN00208D	24	0.25	8							
DN00308D	22	0.34	8					EHK500R-XXP	87	7	DN00208D	24	0.25	8							
DN00208D	24	0.25	8					EHK508V2L-XXP	89	7	DN00208D	24	0.25	8							
26-12	E3SK508V-XXP	89	9	DN02510D	14	2.5	10	EHK508V3L-XXP	89	7	DN00208D	24	0.25	8							
				EESK508V-XXP	88	9	DN01510D				16	1.5	10	EK508R-XXP	87	7	DN00208D	24	0.25	8	
				ESK508V3L-XXP	89	9	DN01010D				/	1	10	EK500V2L-XXP	88	7	DN00208D	24	0.25	8	
				ESK508V4L-XXP	89	9	DN00710D				18	0.75	10	EK500V3L-XXP	88	7	DN00208D	24	0.25	8	
				DN00510D	20	0.5	10				EL500V4L-XXP	88	7	DN00208D	24	0.25	8				

## Screw Connection Terminal Blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules												
AWG			mm	Ferrule P/N	AWG	mm <sup>2</sup>	L1	AWG			mm	Ferrule P/N	AWG	mm <sup>2</sup>	L1									
30-10	EKB635V-XXP	88	8	DN02508D	14	2.5	8	22-6	ESKW116V-XXP	91	12	DN10012D	7	10	12									
				EHK2V-XXP	88	8	DN01508D					16	1.5	8	DN06012D	10	6	12						
				EHK3V-XXP	91	8	DN01008D					/	1	8	DN04012D	12	4	12						
				EHK508R-XXP	88	8	DN00708D					18	0.75	8	DN02512D	14	2.5	12						
				EHK5V-XXP	87	8	DN00508D					20	0.5	8	DN01512D	16	1.5	12						
				EHK7V-XXP	90	8	DN00308D					22	0.34	8	DN01012D	/	1	12						
				EK508A-XXP	86	8	DN00208D					24	0.5	8	DN00712D	18	0.75	12						
				0171-20XX	97	10	DN02510D					14	2.5	10	EPK116VN-XXP	91	12	DN10012D	7	10	12			
				0171-21XX	97	10	DN01510D					16	1.5	10				ESK116R-XXPAM	90	12	DN06012D	10	6	12
							DN01010D					/	1	10							DN04012D	12	4	12
DN00710D	18	10.75	10				DN02512D	14	2.5	12														
DN00510D	20	0.5	10	DN01512D	16	1.5	12																	
24-10	ESK750V-XP	90	11	DN04012D	12	4	12	20-6	ESK116V-XXP	90	11	DN10012D	7	10	12									
				EKB762V-XXP	91	11	DN02512D					14	2.5	12	DN06012D	10	6	12						
				ESK762V-XXP	90	11	DN01512D					16	1.5	12	DN04012D	12	4	12						
							DN01012D					/	1	12	DN02512D	14	2.5	12						
							DN00712D					18	0.75	12	DN01512D	16	1.5	12						
24-6	PDS-10-XX	93	13	DN06012D	10	6	12	20-2	EPK635VN-XXP	89	10	DN04010D	12	4	10									
				PDS-10A-XX	93	13	DN04012D					12	4	12	DN02510D	14	2.5	10						
				PDS-10S-XXP	93	13	DN02511D					14	2.5	12	DN01512D	16	1.5	12						
				PDS-10SA-XX	93	13	DN01512D					16	1.5	12	DN01012D	/	1	12						
							DN01012D					/	1	12	DN00712D	18	0.75	12						
22-14	ED130F-XXP	50	6	DN01006D	/	1	6	18-8	EPK635VN-XXP	89	10	DN04010D	12	4	10									
				ED130R-XXP	50	6	DN00706D					18	0.75	6	DN02510D	14	2.5	10						
				DN00506D	20	0.5	6					DN01510D	16	1.5	10	DN01010D	/	1	10					
				DN00306D	22	0.34	6					DN00710D	18	0.75	10	DN00710D	18	0.75	10					
				DN00206D	24	0.25	6					DT-123RA-XXP	92	14	DN02512F	14	2.5	12						
22-12	DT-123VA-XXP	92	14	DN01512D	16	1.5	12	22-10	DT-2300-XXP	93	14	DN04011D	12	4	12									
				DT-123RA-XXP3	92	14	DN01512D					16	1.5	12	DT-2301-XXP	93	14	DN02512D	14	2.5	12			
				DT-123VA-XXP3	92	14	DN01012D					/	1	12	DT-2320-XXP	93	14	DN01512D	16	1.5	12			
				DT-123HVR-XXP	92	14	DN00712D					18	0.75	12	DT-2321-XXP	93	14	DN01012D	/	1	12			
				DT-123HVR-XXP	92	14	DN00712D					18	0.75	12	DN00712D	18	0.75	12						

# PID (Push-In Design) Plug - Pluggable PCB Terminal Blocks






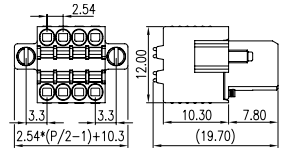
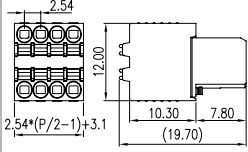
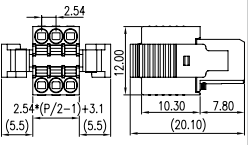
Connection method: Push-in connection





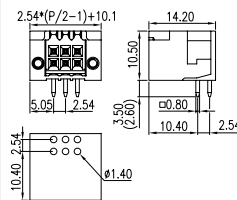
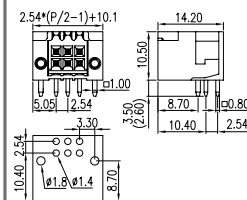
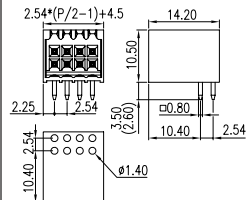
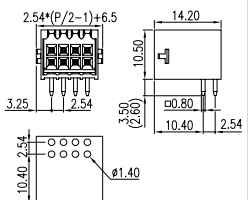
Pitch: 2.54mm / 3.50mm

UL Rated: 150V / 5A, 150V / 8A

IEC Rated: 320V / 6A, 320V / 10A, 250V / 8A

- Vertical and parallel plug-in directions to PCB are available.
- Compact double-level plug for high connection density.
- Type of locking includes screw flange, lock flange and release tool.
- THR version socket is available, pin length 2.6mm.
- (The last suffix "L" represents THR version.)

2.54mm			0156-1AXX-BK	0156-1BXX-BK	0156-1CXX-BK
Technical Data	UL	IEC			
Rated voltage	150V	320V			
Rated current	5A	6A			
Solid (AWG/mm <sup>2</sup> )	30-20	0.2-0.5			
Flexible (AWG/mm <sup>2</sup> )	30-20	0.2-0.5			
Rated impulse voltage	2.5KV				
Torque(N-m)					
Wire strip length	7-8mm				
Number of Positions					
0156-1AXX-BK	04-44P				
0156-1BXX-BK	06-44P				
0156-1CXX-BK	06-44P				
0156-1DXX-BK	06-44P				

2.54mm			0156-17XX (0156-17XXL)	0156-18XX (0156-18XXL)	0156-15XX (0156-15XXL)	0156-19XX (0156-19XXL)
Technical Data	UL	IEC				
Rated voltage	150V	320V				
Rated current	5A	6A				
Solid (AWG/mm <sup>2</sup> )						
Flexible (AWG/mm <sup>2</sup> )						
Rated impulse voltage	2.5KV					
Torque (N-m)						
Screw						
Wire strip length						
Number of Positions						
0156-10XX	06-44P					
0156-10XXL	06-44P					
0156-12XX	06-44P					
0156-12XXL	06-44P					
0156-13XX	04-44P					
0156-13XXL	04-44P					
0156-15XX	06-44P					
0156-15XXL	06-44P					
0156-16XX	06-44P					
0156-16XXL	06-44P					
0156-17XX	06-44P					
0156-17XXL	06-44P					
0156-18XX	04-44P					
0156-18XXL	04-44P					
0156-19XX	06-44P					
0156-19XXL	06-44P					
For THR products, Surge voltage category/pollution degree III/2 II/2						
Rated voltage	160 160					

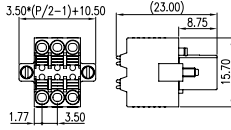
### 3.5mm

#### 0156-2AXX-BK

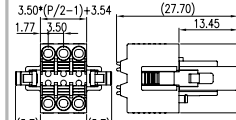
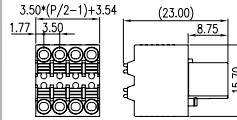
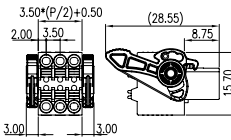
#### 0156-2BXX-BK

#### 0156-2CXX-BK

Technical Data		UL	IEC
Rated voltage	150V	150V	320V
Rated current	8A	8A	10A
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.0	
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Rated impulse voltage			2.5KV
Torque(N·m)			
Wire strip length	7-8mm		
Number of Positions			
0156-2AXX-BK		04-40P	
0156-2BXX-BK		04-44P	
0156-2CXX-BK		04-40P	
0156-2DXX-BK		04-40P	



#### 0156-2DXX-BK



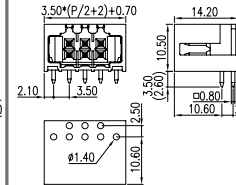
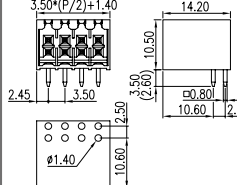
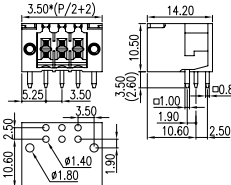
### 3.5mm

#### 0156-26XX-BK (0156-26XXL)

#### 0156-25XX-BK (0156-25XXL)

#### 0156-29XX-BK (0156-29XXL)

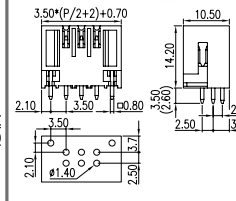
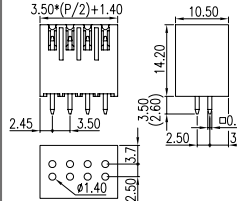
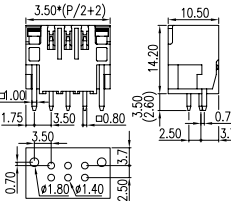
Technical Data		UL	IEC
Rated voltage	150V	150V	320V
Rated current	8A	8A	10A
Solid (AWG/mm <sup>2</sup> )			
Flexible (AWG/mm <sup>2</sup> )			
Rated impulse voltage			2.5KV
Torque(N·m)			
Wire strip length			
Number of Positions			
0156-20XX-BK		04-44P	
0156-20XXL		04-44P	
0156-21XX-BK		04-40P	
0156-21XXL		04-40P	
0156-24XX-BK		04-44P	
0156-24XXL		04-44P	
0156-25XX-BK		04-44P	
0156-25XXL		04-44P	
0156-26XX-BK		04-40P	
0156-26XXL		04-40P	
0156-29XX-BK		04-40P	
0156-29XXL		04-40P	



#### 0156-21XX-BK (0156-21XXL)

#### 0156-20XX-BK (0156-20XXL)

#### 0156-24XX-BK (0156-24XXL)



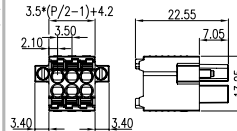
### 3.5mm

#### 0159-01XX

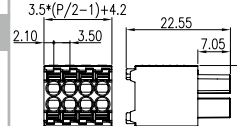
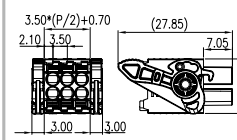
#### 0159-03XX

#### 0159K1L

Technical Data		UL	IEC
Rated voltage	150V	150V	250V
Rated current	8A	8A	8A
Solid (AWG/mm <sup>2</sup> )	24-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	24-16	0.2-1.5	
Rated impulse voltage			2.5KV
Torque(N·m)			
Screw			
Wire strip length	9-10mm		
Number of Positions			
0159-01XX		04-40P	
0159-03XX		04-40P	
0159-04XX		04-40P	



#### 0159-04XX



Keycode

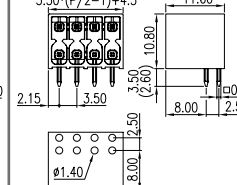
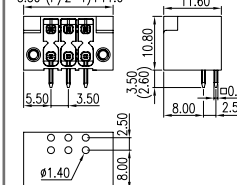


### 3.5mm

#### 0159-11XX (0159-11XXL)

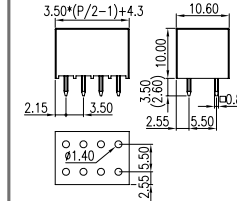
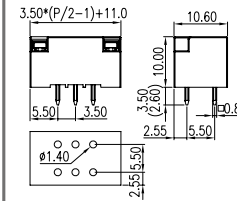
#### 0159-31XX (0159-31XXL)

Technical Data		UL	IEC
Rated voltage	150V	150V	250V
Rated current	8A	8A	8A
Solid (AWG/mm <sup>2</sup> )			
Flexible (AWG/mm <sup>2</sup> )			
Rated impulse voltage			2.5KV
Torque(N·m)			
Screw			
Wire strip length			
Number of Positions			
0159-11XX		04-40P	
0159-11XXL		04-40P	
0159-12XX		04-40P	
0159-12XXL		04-40P	
0159-31XX		04-40P	
0159-31XXL		04-40P	
0159-32XX		04-40P	
0159-32XXL		04-40P	



#### 0159-12XX (0159-12XXL)

#### 0159-32XX (0159-32XXL)



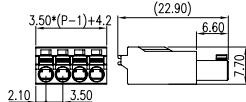
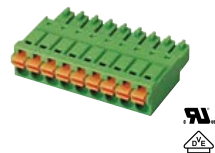




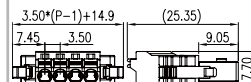
### 3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Solid (AWG/mm <sup>2</sup> )	24-16	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	24-16	0.2-1.5
Rated impulse voltage		2.5KV
Torque (N-m)		
Screw		
Wire strip length		
0221-20XX	8-9mm	
0221-21XX	9-10mm	
0221-24XX	9-10mm	
0221-28XX	8-9mm	
Number of Positions		
0221-20XX	02-20P	
0221-21XX	02-18P	
0221-24XX	02-20P	
0221-28XX	02-20P	

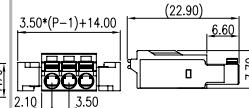
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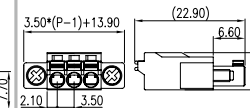
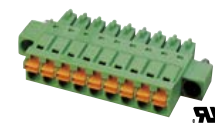
### 0221-21XX



### 0221-24XX



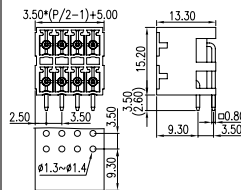
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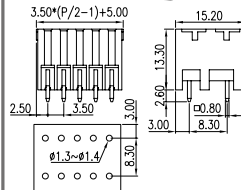
### 3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		2.5KV
Torque (N-m)		
Screw		
Wire strip length		
Number of Positions		
0221-22XX-BK	04-48P	
0221-22XXL	04-48P	
0221-23XXL	04-48P	
0221-25XX-BK	06-72P	
0221-25XXL	06-72P	
0221-26XXL	04-48P	
0221-27XXL	06-72P	
0221-27XXL	06-72P	
0221-35XXL	04-48P	
0221-36XXL	04-48P	
0221-41XX-BK	06-72P	
0221-41XXL	06-72P	
Accessories		
ECHK1	P38	
ECHK1L	P38	

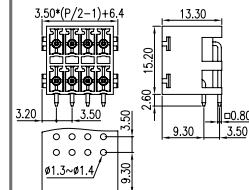
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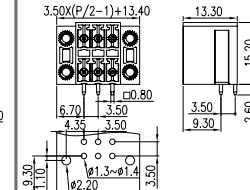
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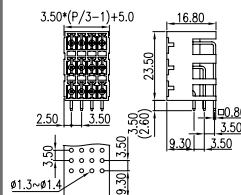
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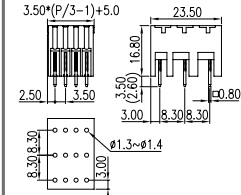
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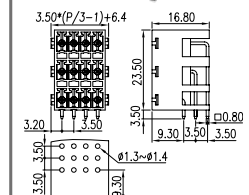
### 0221-25XX-BK (0221-25XXL)



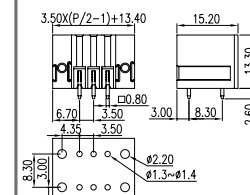
### 0221-41XX-BK (0221-41XXL)



### 0221-27XX-BK (0221-27XXL)



### 0221-36XXL



**Connection method:**  
**Push-in connection**  
**Pitch: 3.50 mm / 3.81mm**  
**UL Rated: 300V / 8A**  
**IEC Rated: 320V / 8A**

- Push-in connection single-level plug, single, double and triple level socket.
- Space saving flat design plug, only 7.7mm in height.
- With testing hole suitable for 1mm Ø test probe.
- The pin length for wave soldering socket is 3.50mm
- THR version socket is available, pin length 2.6mm. (The last suffix "L" represents THR version.)

#### Socket

ECH350H-XXP	P57
ECH350R-XXP	P56
ECH350R-XXPL	P67
ECH350V-XXP	P56
ECH350V-XXPL	P66

Please refer to the related page number for the compatible headers.

#### Socket

ECH350RJ-XXPL	P67	ECH350VT-XXPL	P67
ECH350VJ-XXPL	P67	Please refer to the related page number for the compatible headers.	
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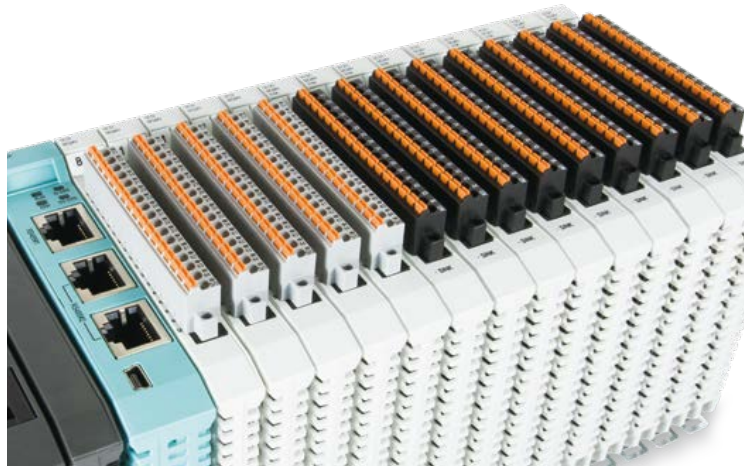
#### Socket

ECH350RM-XXP	P57	ECH350RM-XXPL	P66
ECH350VM-XXP	P56	ECH350VM-XXPL	P67
Please refer to the related page number for the compatible headers.			

Please refer to the related page number for the compatible headers.



# PID Pluggable Terminal Blocks - Slim Type



**Connection method: Push-in connection**

**Pitch: 3.50mm / 5.00mm / 5.08mm**

**UL Rated: 300V / 8A ~ 300V / 15A**

**IEC Rated: 320V / 14A ~ 600V / 18A**

- Double-level plug and socket.
- Options with LED light pipe for indication.
- Versions with screw flange and lock flange.
- THR version socket is available, pin length 2.6mm.

5.08mm			0225-04XX	0225-05XX	0225-09XX	0225-0AXX																																																						
<table border="1"> <tr><th>Technical Data</th><th>UL</th><th>IEC</th></tr> <tr><td>Rated voltage</td><td>300V</td><td>320V</td></tr> <tr><td>Rated current</td><td>8A</td><td>14A</td></tr> <tr><td>Solid (AWG/mm<sup>2</sup>)</td><td>28-16</td><td>0.2-1.5</td></tr> <tr><td>Flexible (AWG/mm<sup>2</sup>)</td><td>28-16</td><td>0.2-1.5</td></tr> <tr><td>Rated impulse voltage</td><td></td><td>4KV</td></tr> <tr><td>Torque (N-m)</td><td></td><td></td></tr> <tr><td>Screw</td><td></td><td></td></tr> <tr><td>Wire strip length</td><td>8-9mm</td><td></td></tr> <tr><th colspan="3">Number of Positions</th></tr> <tr><td>0225-04XX</td><td>04-40P</td><td></td></tr> <tr><td>0225-05XX</td><td>04-40P</td><td></td></tr> <tr><td>0225-09XX</td><td>04-40P</td><td></td></tr> <tr><td>0225-0AXX</td><td>04-40P</td><td></td></tr> </table>	Technical Data	UL	IEC	Rated voltage	300V	320V	Rated current	8A	14A	Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	Rated impulse voltage		4KV	Torque (N-m)			Screw			Wire strip length	8-9mm		Number of Positions			0225-04XX	04-40P		0225-05XX	04-40P		0225-09XX	04-40P		0225-0AXX	04-40P																			
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### 3.5mm

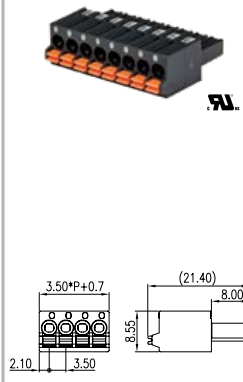
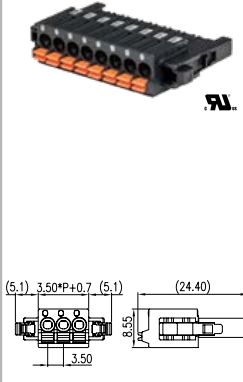
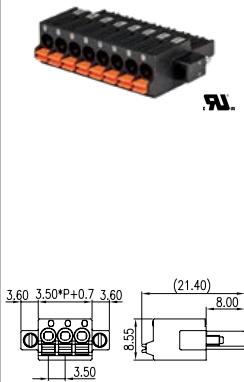
### 0225-01XX

### 0225-02XX

### 0225-03XX

Technical Data		UL	IEC
Rated voltage	300V	300V	630V
Rated current	8A	8A	15A
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Rated impulse voltage			4KV
Torque (N·m)			
Screw			
Wire strip length	8-9mm		
Number of Positions			
0225-01XX	02-14P		
0225-02XX	02-14P		
0225-03XX	02-14P		

• The product integrates light pipe for better indication



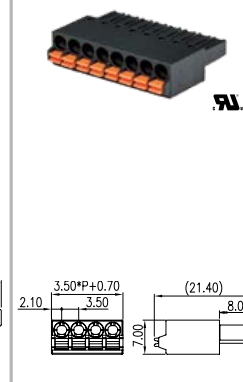
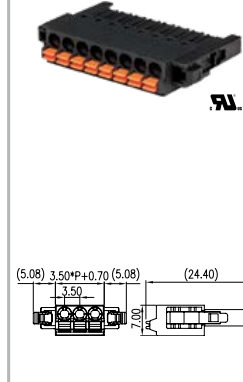
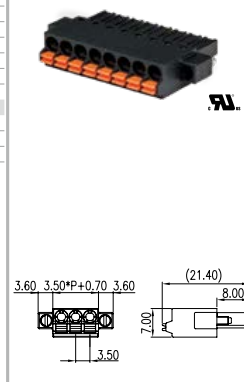
### 3.5mm

### 0225-06XX

### 0225-07XX

### 0225-08XX

Technical Data		UL	IEC
Rated voltage	300V	300V	630V
Rated current	8A	8A	15A
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Rated impulse voltage			4KV
Torque (N·m)			
Screw			
Wire strip length	8-9mm		
Number of Positions			
0225-06XX	02-14P		
0225-07XX	02-14P		
0225-08XX	02-14P		



### 3.5mm

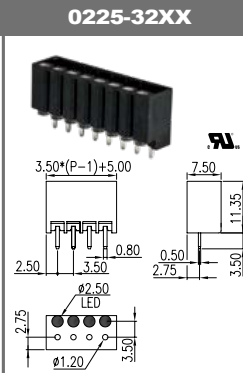
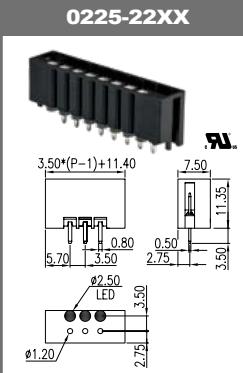
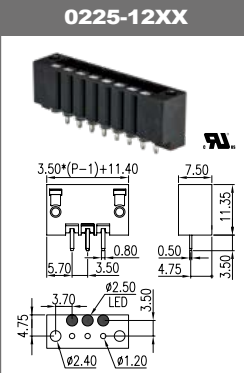
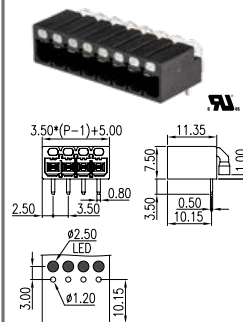
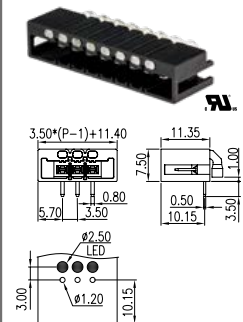
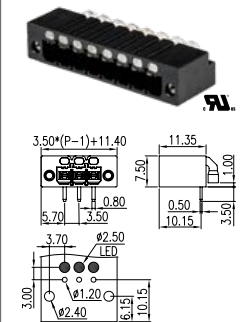
### 0225-11XX

### 0225-21XX

### 0225-31XX

Technical Data		UL	IEC
Rated voltage	300V	300V	630V
Rated current	8A	8A	15A
Solid (AWG/mm <sup>2</sup> )			
Flexible (AWG/mm <sup>2</sup> )			
Rated impulse voltage			4KV
Torque (N·m)			
Screw			
Wire strip length	8-9mm		
Number of Positions			
0225-11XX	02-14P		
0225-12XX	02-14P		
0225-21XX	02-14P		
0225-22XX	02-14P		
0225-31XX	02-14P		
0225-32XX	02-14P		

• The product integrates light pipe for better indication



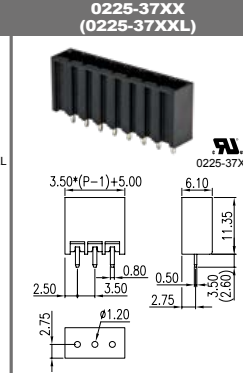
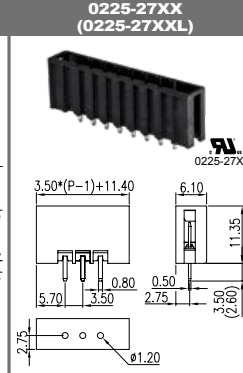
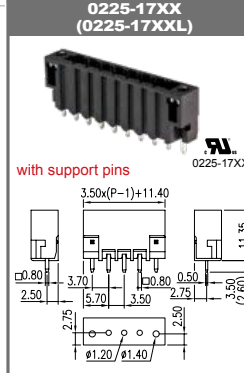
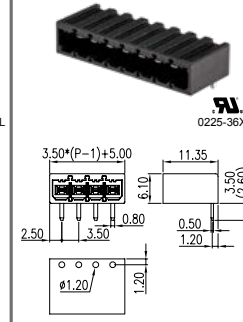
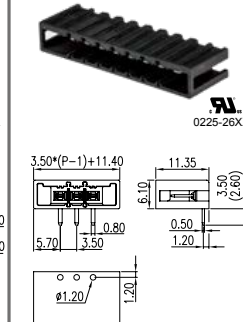
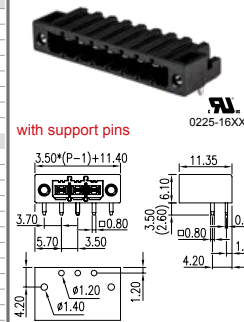
### 3.5mm

### 0225-16XX (0225-16XXL)

### 0225-26XX (0225-26XXL)

### 0225-36XX (0225-36XXL)

Technical Data		UL	IEC
Rated voltage	300V	300V	630V
Rated current	8A	8A	15A
Solid (AWG/mm <sup>2</sup> )			
Flexible (AWG/mm <sup>2</sup> )			
Rated impulse voltage			4KV
Torque (N·m)			
Screw			
Wire strip length	8-9mm		
Number of Positions			
0225-16XX	02-14P		
0225-16XXL	02-14P		
0225-17XX	02-24P		
0225-17XXL	02-24P		
0225-26XX	02-14P		
0225-26XXL	02-14P		
0225-27XX	02-14P		
0225-27XXL	02-14P		
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0225-36XXL	02-14P		
0225-37XX	02-14P		
0225-37XXL	02-14P		



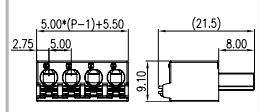
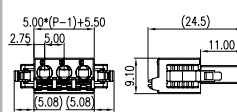
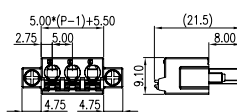
5.00mm

0226-01XX

0226-02XX

0226-03XX

Technical Data		
	UL	IEC
Rated voltage	300V	630V
Rated current	10A	17.5A
Solid (AWG/mm <sup>2</sup> )	24-16	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	24-16	0.2-1.5
Rated impulse voltage		4KV
Torque (N-m)		
Screw		
Wire strip length	8-9mm	
Number of Positions		
0226-01XX	02-16P	
0226-02XX	02-16P	
0226-03XX	02-16P	



• The product integrates light pipe for better indication

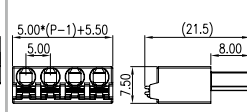
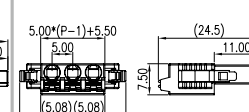
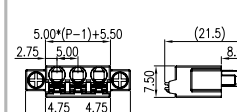
5.00mm

0226-06XX

0226-07XX

0226-08XX

Technical Data		
	UL	IEC
Rated voltage	300V	600V
Rated current	10A	17.5A
Solid (AWG/mm <sup>2</sup> )	24-16	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	24-16	0.2-1.5
Rated impulse voltage		4KV
Torque (N-m)		
Screw		
Wire strip length	8-9mm	
Number of Positions		
0226-06XX	02-16P	
0226-07XX	02-16P	
0226-08XX	02-16P	



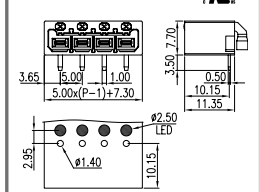
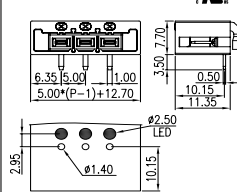
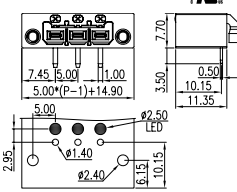
5.00mm

0226-11XX

0226-21XX

0226-31XX

Technical Data		
	UL	IEC
Rated voltage	300V	600V
Rated current	10A	17.5A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		4KV
Torque (N-m)		
Screw		
Wire strip length	8-9mm	
Number of Positions		
0226-11XX	02-16P	
0226-12XX	02-16P	
0226-21XX	02-16P	
0226-22XX	02-16P	
0226-31XX	02-16P	
0226-32XX	02-16P	



• The product integrates light pipe for better indication

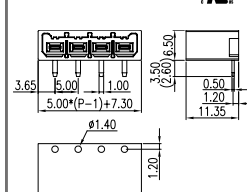
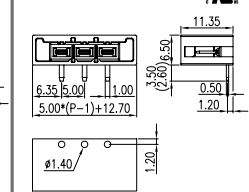
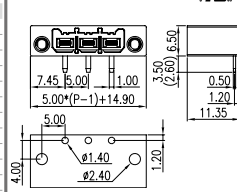
5.00mm

0226-16XX (0226-16XXL)

0226-26XX (0226-26XXL)

0226-36XX (0226-36XXL)

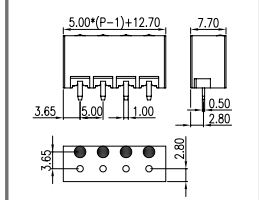
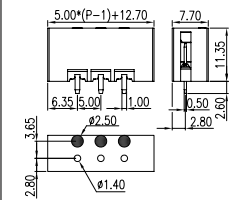
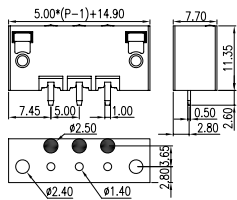
Technical Data		
	UL	IEC
Rated voltage	300V	600V
Rated current	10A	17.5A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		4KV
Torque (N-m)		
Screw		
Wire strip length	8-9mm	
Number of Positions		
0226-16XX	02-16P	
0226-16XXL	02-16P	
0226-17XX	02-16P	
0226-17XXL	02-16P	
0226-26XX	02-16P	
0226-26XXL	02-16P	
0226-27XX	02-16P	
0226-27XXL	02-16P	
0226-36XX	02-16P	
0226-36XXL	02-16P	
0226-37XX	02-16P	
0226-37XXL	02-16P	



0226-12XX

0226-22XX

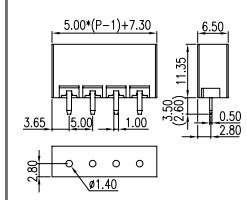
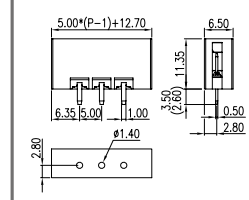
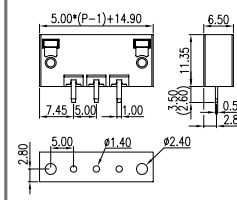
0226-32XX



0226-17XX (0226-17XXL)

0226-27XX (0226-27XXL)

0226-37XX (0226-37XXL)



### 5.00mm

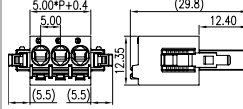
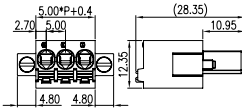
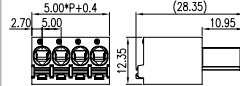
### 0227-01XX

### 0227-02XX

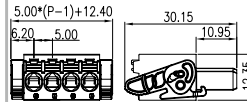
### 0227-03XX

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)		
Screw		
Wire strip length	12~13mm	
Number of Positions		
0227-01XX	02-16P	
0227-02XX	02-16P	
0227-03XX	02-16P	
0227-04XX	02-16P	

• The product integrates light pipe for better indication



### 0227-04XX



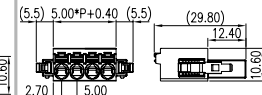
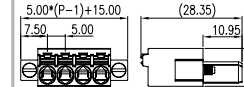
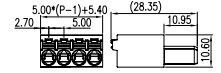
### 5.00mm

### 0227-06XX

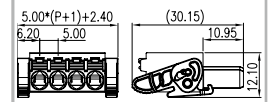
### 0227-07XX

### 0227-08XX

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)		
Screw		
Wire strip length	12~13mm	
Number of Positions		
0227-06XX	02-16P	
0227-07XX	02-16P	
0227-08XX	02-16P	
0227-09XX	02-16P	



### 0227-09XX



### 5.00mm

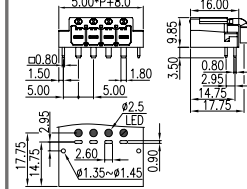
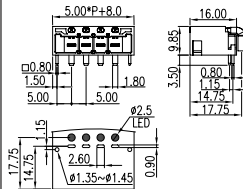
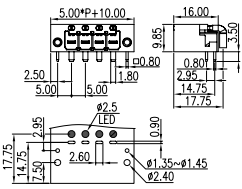
### 0227-11XX

### 0227-21XX

### 0227-31XX

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		4KV
Torque (N-m)		
Screw		
Wire strip length		
Number of Positions		
0227-11XX	02-16P	
0227-12XX	02-16P	
0227-21XX	02-16P	
0227-22XX	02-16P	
0227-31XX	02-16P	
0227-32XX	02-16P	

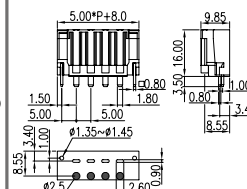
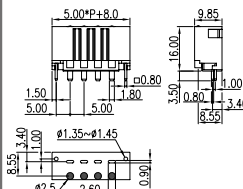
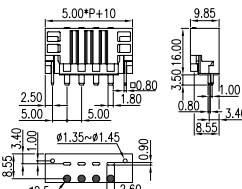
• The product integrates light pipe for better indication



### 0227-12XX

### 0227-22XX

### 0227-32XX



### 5.00mm

### 0227-16XX (0227-16XXL)

### 0227-26XX (0227-26XXL)

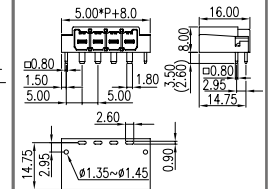
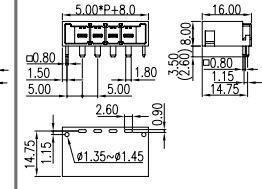
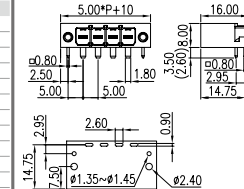
### 0227-36XX (0227-36XXL)

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		4KV
Torque (N-m)		
Screw		
Wire strip length		
Number of Positions		
0227-16XX	02-16P	
0227-16XXL	02-16P	
0227-17XX	02-16P	
0227-17XXL	02-16P	
0227-26XX	02-16P	
0227-26XXL	02-16P	
0227-27XX	02-16P	
0227-27XXL	02-16P	
0227-36XX	02-16P	
0227-36XXL	02-16P	
0227-37XX	02-16P	
0227-37XXL	02-16P	

with support pins

with support pins

with support pins



### 0227-17XX (0227-17XXL)

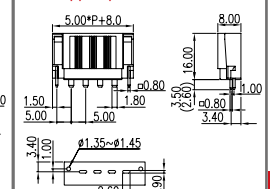
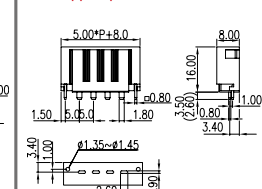
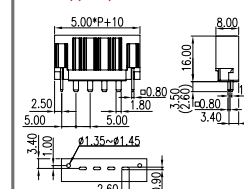
### 0227-27XX (0227-27XXL)

### 0227-37XX (0227-37XXL)

with support pins

with support pins

with support pins



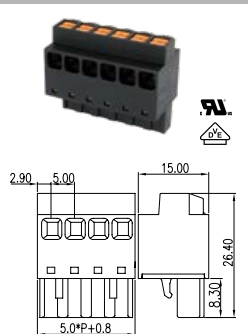
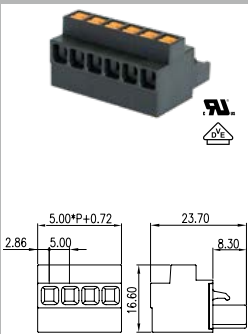
5.00mm

5ESV-XXP

5ESR-XXP

Socket

Technical Data		UL	IEC
Rated voltage	300V	600V	
Rated current	10A	18A	
Solid (AWG/mm <sup>2</sup> )	26-12	0.2-2.5	
Flexible (AWG/mm <sup>2</sup> )	26-12	0.2-2.5	
Rated impulse voltage		4kV	
Torque (N·m)			
Screw			
Wire strip length		10-11mm	



5EHDK-XXP/T	P58
5EHDR-XXP	P57
5EHDR-XXPL	P69
5EHDR-XXPL	P57
5EHDR-XXPL	P69
5EHDRR-XXP	P58
5EHDRR-XXP	P68
5EHDR-XXP	P56
5EHDV-XXPL	P68
5EHDV-XXPL	P56
5EHDV-XXPL	P68

Please refer to the related page number for the compatible headers.

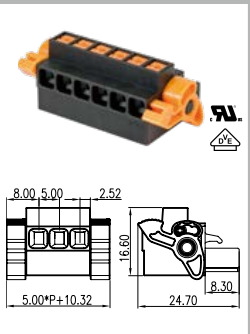
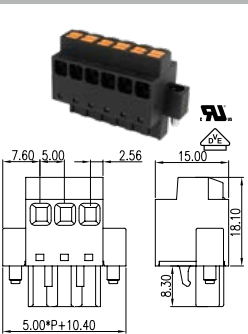
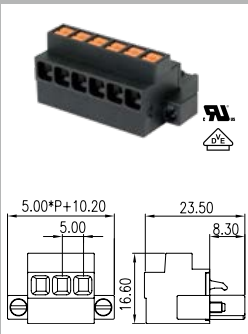
5ESVM-XXP

5ESRM-XXP

5ESVK-XXP

5ESRK-XXP

Socket



5EHDKM-XXP/T	P59	5EHDVM-XXP	P58
5EHDKPM-XXP	P59	5EHDVM-XXPL	P68
5EHDRM-XXP	P57		
5EHDRM-XXPL	P69		

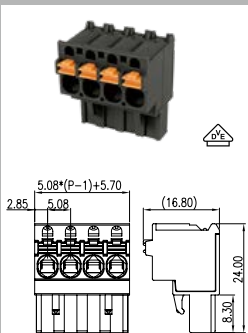
Please refer to the related page number for the compatible headers.

5.08mm

2ESDSV-XXP

Socket

Technical Data		UL	IEC
Rated voltage	300V	630V	
Rated current	10A	12A	
Solid (AWG/mm <sup>2</sup> )	26-12	0.2-2.5	
Flexible (AWG/mm <sup>2</sup> )	26-12	0.2-2.5	
Rated impulse voltage		4kV	
Torque (N·m)			
Screw			
Wire strip length		12-13mm	



2EHDR-XXP	P59
2EHDR-XXP	P59
2EHDV-XXP	P58
2EHDV-XXP	P68

Please refer to the related page number for the compatible headers.

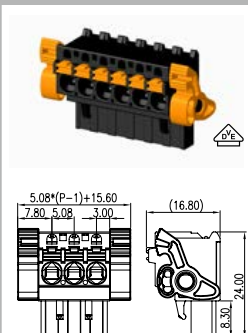
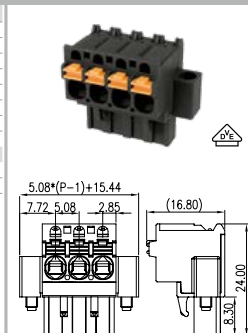
5.08mm

2ESDSVM-XXP

2ESDSVK-XXP

Socket

Technical Data		UL	IEC
Rated voltage	300V	630V	
Rated current	10A	12A	
Solid (AWG/mm <sup>2</sup> )	26-12	0.2-2.5	
Flexible (AWG/mm <sup>2</sup> )	26-12	0.2-2.5	
Rated impulse voltage		4kV	
Torque (N·m)			
Screw			
Wire strip length		12-13mm	



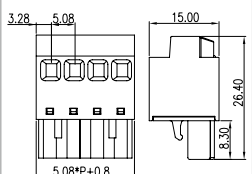
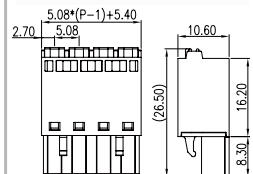
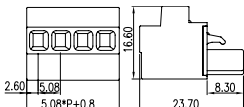
2EHDRM-XXP	P59
2EHDRM-XXP	P58

Please refer to the related page number for the compatible headers.



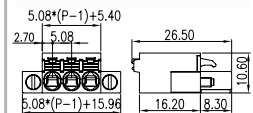
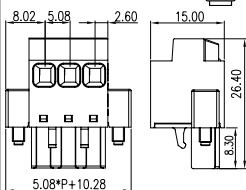
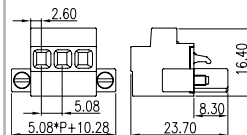
**5.08mm**
**2ESV-XXP**
**2ESS-XXP**
**2ESR-XXP**

Technical Data		UL	IEC
Rated voltage		300V	600V
Rated current			
2ESV-XXP	10A	18A	
2ESS-XXP	15A	12A	
2ESR-XXP	10A	18A	
2ESVM-XXP	10A	18A	
2ESRM-XXP	10A	18A	
2ESSM-XXP	15A	12A	
2ESVK-XXP	10A	18A	
2ESRK-XXP	10A	18A	
Solid (AWG/mm <sup>2</sup> )			
2ESV-XXP	26-12	0.2-2.5	
2ESS-XXP	24-12	0.2-2.5	
2ESR-XXP	26-12	0.2-2.5	
2ESVM-XXP	26-12	0.2-2.5	
2ESRM-XXP	26-12	0.2-2.5	
2ESSM-XXP	24-12	0.2-2.5	
2ESVK-XXP	26-12	0.2-2.5	
2ESRK-XXP	26-12	0.2-2.5	
Flexible (AWG/mm <sup>2</sup> )			
2ESV-XXP	26-12	0.2-2.5	
2ESS-XXP	24-12	0.2-2.5	
2ESR-XXP	26-12	0.2-2.5	
2ESVM-XXP	26-12	0.2-2.5	
2ESRM-XXP	26-12	0.2-2.5	
2ESSM-XXP	24-12	0.2-2.5	
2ESVK-XXP	26-12	0.2-2.5	
2ESRK-XXP	26-12	0.2-2.5	
Rated impulse voltage		4kV	
Torque (N-m)			
Screw			
Wire strip length	10-11mm		
Number of Positions			
2ESV-XXP	02-24P		
2ESS-XXP	02-24P		
2ESR-XXP	02-24P		
2ESVM-XXP	02-24P		
2ESRM-XXP	02-24P		
2ESSM-XXP	02-24P		
2ESVK-XXP	02-24P		
2ESRK-XXP	02-24P		


**Socket**

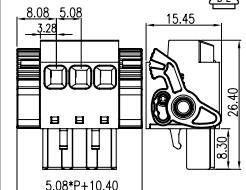
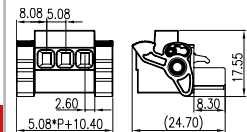
<b>2EHDA-XXP</b>	P58
<b>2EHDAC-XXP</b>	P58
<b>2EHDR-XXP</b>	P59
<b>2EHDR-XXPL</b>	P69
<b>2EHDRC-XXP</b>	P59
<b>2EHDRC-XXPL</b>	P69
<b>2EHDV-XXP</b>	P58
<b>2EHDV-XXPL</b>	P68
<b>2EHDVC-XXP</b>	P58
<b>2EHDVC-XXPL</b>	P68

Please refer to the related page number for the compatible headers.

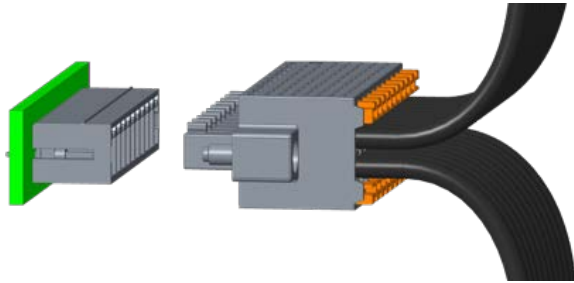
**2ESVM-XXP**
**2ESRM-XXP**
**2ESSM-XXP**
**Socket**


Please refer to the related page number for the compatible headers.

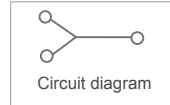
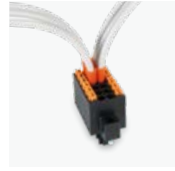
<b>2EHDP-XXP</b>	P58
<b>2EHDRM-XXP</b>	P59
<b>2EHDRM-XXPL</b>	P69
<b>2EHDVM-XXP</b>	P58
<b>2EHDVM-XXPL</b>	P68


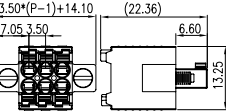

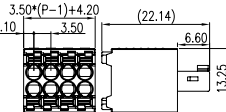
**2ESVK-XXP**
**2ESRK-XXP**


# Twin Connectors With Double Push-in Connection




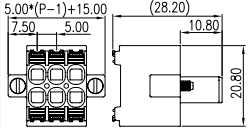

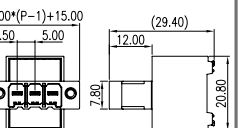
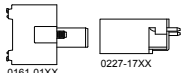

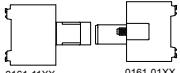
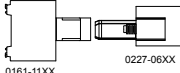

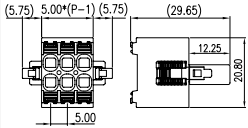

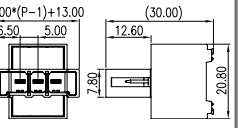
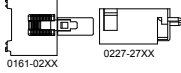
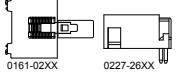
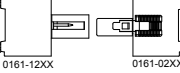
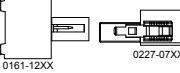

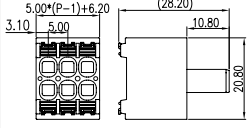

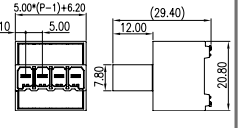
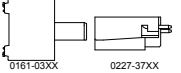
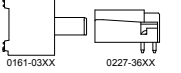
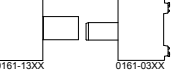
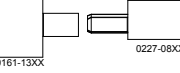

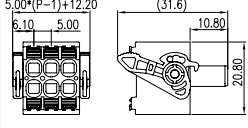

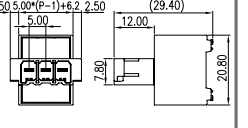
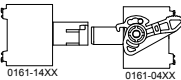
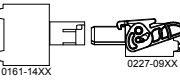
**Connection method: Push-in connection**  
**Pitch: 3.50mm / 5.00mm**  
**UL Rated: 300V / 8A, 300V / 15A**  
**IEC Rated: 320V / 8A, 600V / 18A**



3.50mm			0181-A1XX	Socket
Technical Data	UL	IEC		<b>ECH350RM-XXP</b> P57
Rated voltage	300V	320V		<b>ECH350RM-XXPL</b> P66
Rated current	8A	8A		<b>ECH350VM-XXP</b> P56
Solid (AWG/mm <sup>2</sup> )	24-16	0.2-1.5		<b>ECH350VM-XXPL</b> P67
Flexible (AWG/mm <sup>2</sup> )	24-16	0.2-1.5		
Rated impulse voltage		2.5KV		
Torque (N-m)				
Screw				
Wire strip length	10mm			
	Number of Positions			
0181-A1XX	02-24P			
0181-A3XX	02-24P			
				
3.50mm			0181-A3XX	Socket
				<b>ECH350H-XXP</b> P57
				<b>ECH350R-XXP</b> P56
				<b>ECH350R-XXPL</b> P67
				<b>ECH350V-XXP</b> P56
				<b>ECH350V-XXPL</b> P66
				

5.00mm		
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)		
Screw		
Wire strip length	12-13mm	
	Number of Positions	
0161-01XX	02-24P	
0161-02XX	02-16P	
0161-03XX	02-24P	
0161-04XX	02-24P	
0161-11XX	02-24P	
0161-12XX	02-24P	
0161-13XX	02-24P	
0161-14XX	02-24P	

- 0161 series are wire to wire twin connectors.
- Combination options with 0227 series.
- Versions with screw flange and lock flange.

0161-01XX	0161-11XX	0161-01XX Compatible products		0161-11XX Compatible products	
 	 	 	 		
0161-02XX	0161-12XX	0161-02XX Compatible products		0161-12XX Compatible products	
 	 	 	 		
0161-03XX	0161-13XX	0161-03XX Compatible products		0161-13XX Compatible products	
 	 	 	 		
0161-04XX	0161-14XX	0161-14XX Compatible products			
 	 	 			

# PID Pluggable Terminal Blocks - Stable Type



**Connection method: Push-in connection**  
**Pitch: 5.08mm / 6.35mm / 7.50mm**  
**UL Rated: 300V / 16A, 600V / 20A**  
**IEC Rated: 320V / 20A, 1000V / 20A**



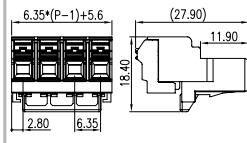
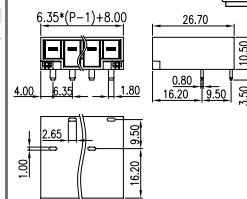


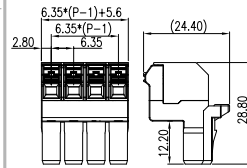
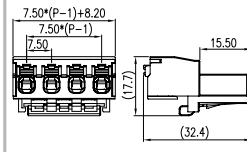


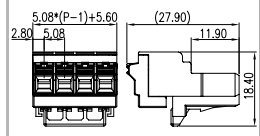
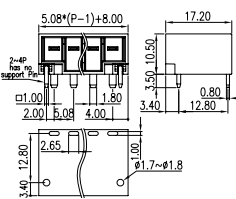


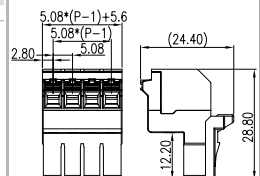
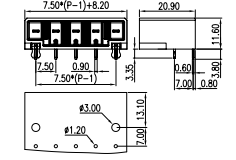


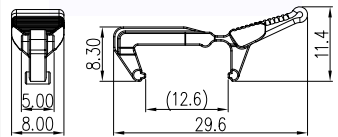
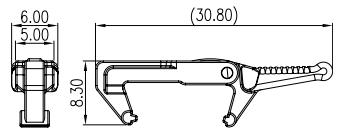


- With lock flange directly beneath the plug housing for minimum width.
- Release tool (SDH-002) allows wiring operation by single hand.
- Additional support pins on both sides of the socket for extra strength.



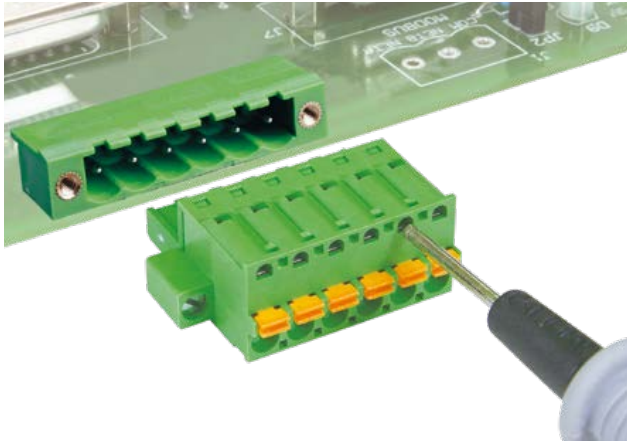
Easy clip design



Strengthened mounting structure

6.35mm			0150-30XX			6.35mm			0150-36XX		
Technical Data	UL	IEC				Technical Data	UL	IEC			
Rated voltage	600V	1000V				Rated voltage	600V	1000V			
Rated current	20A	20A				Rated current	20A	20A			
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5				Solid (AWG/mm <sup>2</sup> )					
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5				Flexible (AWG/mm <sup>2</sup> )					
Rated impulse voltage		8KV				Rated impulse voltage		8KV			
Torque (N-m)						Torque (N-m)					
Screw						Screw					
Wire strip length	11mm					Wire strip length					
Number of Positions						Number of Positions					
0150-30XX			02-12P			0150-36XX			02-12P		
											
6.35mm			0150-31XX			7.50mm			0150-40XX		
Technical Data	UL	IEC				Technical Data	UL	IEC			
Rated voltage	600V	1000V				Rated voltage	600V	630V			
Rated current	20A	20A				Rated current	18A	18A			
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5				Solid (AWG/mm <sup>2</sup> )	20-12	0.5-2.5			
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5				Flexible (AWG/mm <sup>2</sup> )	20-12	0.5-2.5			
Rated impulse voltage		8KV				Rated impulse voltage		8KV			
Torque (N-m)						Torque (N-m)					
Wire strip length	11mm					Wire strip length	12-13mm				
Number of Positions						Number of Positions					
0150-31XX			02-12P			0150-40XX			02-12P		
											
5.08mm			0150-20XX			5.08mm			0150-26XX		
Technical Data	UL	IEC				Technical Data	UL	IEC			
Rated voltage	300V	320V				Rated voltage	300V	320V			
Rated current	16A	20A				Rated current	16A	20A			
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5				Solid (AWG/mm <sup>2</sup> )					
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5				Flexible (AWG/mm <sup>2</sup> )					
Rated impulse voltage		4KV				Rated impulse voltage		4KV			
Torque (N-m)						Torque (N-m)					
Wire strip length	11mm					Wire strip length					
Number of Positions						Number of Positions					
0150-20XX			02-24P			0150-26XX			02-24P		
											
- 0150-2605-0150-2624 with support pin											
5.08mm			0150-21XX			7.50mm			0150-46XX		
Technical Data	UL	IEC				Technical Data	UL	IEC			
Rated voltage	300V	630V				Rated voltage	300V	630V			
Rated current	16A	20A				Rated current	18A	18A			
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5				Solid (AWG/mm <sup>2</sup> )					
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5				Flexible (AWG/mm <sup>2</sup> )					
Rated impulse voltage		4KV				Rated impulse voltage		6KV			
Torque (N-m)						Torque (N-m)					
Wire strip length	11mm					Wire strip length					
Number of Positions						Number of Positions					
0150-21XX			02-24P			0150-46XX			02-12P		
											
						<b>SDH-002</b> (for 0150 series only)			<b>SDH-003</b> (for 0150 series only)		
						Basic type			Durable type		
											
											
											

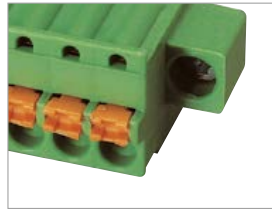
# PID Pluggable Terminal Blocks - Regular Type



**Connection method: Push-in connection**  
**Pitch: 2.50mm / 3.50mm / 3.81mm / 5.0mm / 5.08mm / 7.62mm**  
**UL Rated: 150V / 4A ~ 300V / 15A**  
**IEC Rated: 250V / 12A ~ 800V / 15A**

- Direct push-in connection single-level and front twin connection plugs.
- Versions with screw flange and release tool.
- Versions with testing holes.

Testing hole dimensions		
Product series	Pitch(mm)	Hole Ø (mm)
ESC250	2.50	1.10
ESC350	3.50	1.25
ESC381	3.81	1.25
5ESDS	5.00	2.3
2ESDS	5.08	2.3
ESC508	5.08	1.25
3ESDS	7.62	2.30




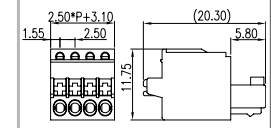
Screw mounting flange for secure connection


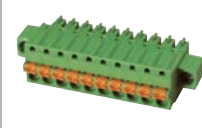
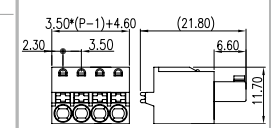
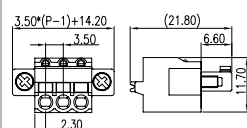

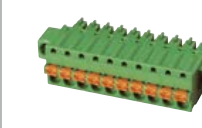

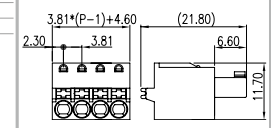
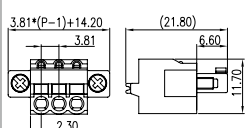
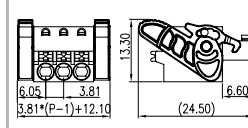


Twin connection plug is available


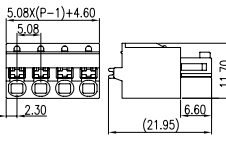



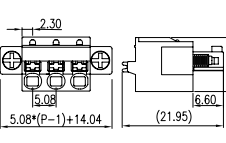
Plug can connect with reflow-solderable sockets

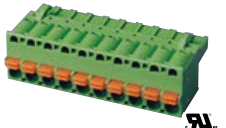

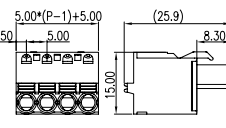
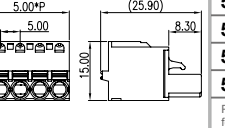
2.50mm			ESC250V-XXP		Socket		
Technical Data	UL	IEC		<b>ECH250R-XXP</b>	P55	Please refer to the related page number for the compatible headers.	
Rated voltage	150V	320V		<b>ECH250V-XXP</b>	P55		
Rated current	4A	4A		<b>ECHB250R-XXP</b>	P62		
Solid (AWG/mm <sup>2</sup> )	28~20	0.2~0.5		<b>ECHB250V-XXP</b>	P62		
Flexible (AWG/mm <sup>2</sup> )	28~20	0.2~0.5		Please refer to the related page number for the compatible headers.			
Rated impulse voltage		2.5KV					
Screw							
Wire strip length			8mm				
Number of Positions							
ESC250V-XXP			02~24P				



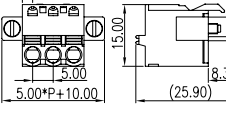
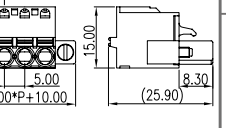
3.50mm			ESC350V-XXP		ESC350VM-XXP			
Technical Data	UL	IEC						
Rated voltage	300V	500V						
Rated current	8A	10A						
Solid (AWG/mm <sup>2</sup> )	28~16	0.2~1.5						
Flexible (AWG/mm <sup>2</sup> )	28~16	0.2~1.5						
Rated impulse voltage		2.5KV						
Torque (N-m)								
Screw								
Wire strip length					8~9mm			
Number of Positions								
ESC350V-XXP					02~20P			
ESC350VM-XXP					02~20P			
								
			Socket		Socket			
			<b>ECH350V-XXP</b>	P56	<b>ECH350VM-XXP</b>	P56		
			<b>ECH350V-XXPL</b>	P66	<b>ECH350VM-XXPL</b>	P67		
			<b>ECHB350V-XXP</b>	P63	<b>ECHB350VM-XXP</b>	P63		
			<b>EECH350V-XXP</b>	P64	<b>EECH350VM-XXP</b>	P64		
			<b>ECH350H-XXP</b>	P57	<b>ECH350RM-XXP</b>	P57		
			<b>ECH350R-XXP</b>	P56	<b>ECH350RM-XXPL</b>	P66		
			<b>ECH350R-XXPL</b>	P67	<b>ECHB350RM-XXP</b>	P63		
			<b>ECHB350R-XXP</b>	P63	<b>EECH350RM-XXP</b>	P63		
			<b>EECH350R-XXP</b>	P64				
			Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.			
3.81mm			ESC381V-XXP		ESC381VM-XXP		ESC381VK-XXP	
Technical Data	UL	IEC						
Rated voltage	300V	500V						
Rated current	8A	10A						
Solid (AWG/mm <sup>2</sup> )	28~16	0.2~1.5						
Flexible (AWG/mm <sup>2</sup> )	28~16	0.2~1.5						
Rated impulse voltage		4KV						
Torque (N-m)								
Screw								
Wire strip length						7~8mm		
Number of Positions								
ESC381V-XXP						02~20P		
ESC381VM-XXP						02~20P		
ESC381VK-XXP						02~20P		
								
			Socket		Socket		Socket	
			<b>ECH381A-XXP</b>	P56	<b>ECH381AM-XXP</b>	P56	<b>ECHB381RRD-XXP</b>	P63
			<b>ECH381H-XXP</b>	P57	<b>ECH381RM-XXP</b>	P57	Please refer to the related page number for the compatible headers.	
			<b>ECH381R-XXP</b>	P56	<b>ECH381RM-XXPL</b>	P67		
			<b>ECH381R-XXPL</b>	P67	<b>ECH381VM-XXP</b>	P56		
			<b>ECH381V-XXP</b>	P56	<b>ECH381VM-XXPL</b>	P66		
			<b>ECH381V-XXPL</b>	P66	<b>ECHB381RRM-XXP</b>	P63		
			Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.			

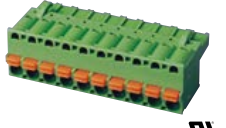

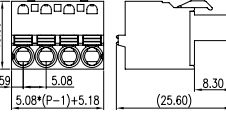
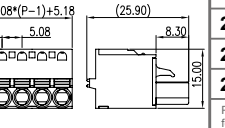




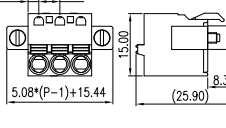
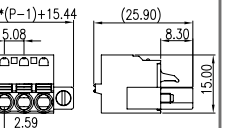
5.08mm			ESC508V-XXP			Socket		
Technical Data	UL	IEC		ECH508R-XXP	P58	ECH508V-XXP	P58	Please refer to the related page number for the compatible headers.
Rated voltage	300V	320V						
Rated current	8A	8A						
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5						
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5						
Rated impulse voltage		4KV						
Torque (N-m)								
Screw								
Wire strip length	9mm							
Number of Positions								
ESC508V-XXP		02-24P						
								

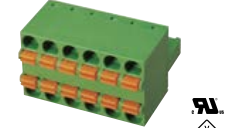
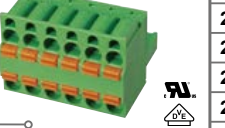
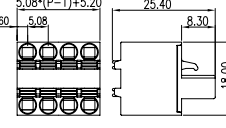
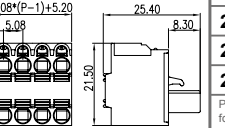
5.08mm			ESC508VM-XXP			Socket		
Technical Data	UL	IEC		ECH508RM-XXP	P58	ECH508VM-XXP	P58	Please refer to the related page number for the compatible headers.
Rated voltage	300V	320V						
Rated current	8A	8A						
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5						
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5						
Rated impulse voltage		4KV						
Torque (N-m)								
Screw								
Wire strip length	9mm							
Number of Positions								
ESC508VM-XXP		02-24P						
								


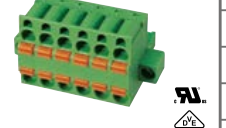
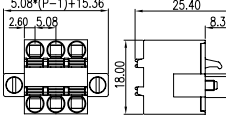
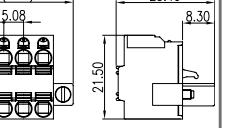
5.00mm			5ESDS-XXP			5ESDSR-XXP			Socket		
Technical Data	UL	IEC			5EHDK-XXP/T	P58	Please refer to the related page number for the compatible headers.				
Rated voltage	300V	600V			5EHDR-XXP	P57					
Rated current	10A	12A			5EHDR-XXPL	P69					
Solid (AWG/mm <sup>2</sup> )		0.2-2.5			5EHDR-XXPL	P69					
Flexible (AWG/mm <sup>2</sup> )	26-12	0.2-2.5			5EHDR-XXPL	P69					
Rated impulse voltage		4KV			5EHDR-XXPL	P69					
Torque (N-m)					5EHDR-XXPL	P69					
Screw					5EHDR-XXPL	P69					
Wire strip length	12mm				5EHDR-XXPL	P69					
Number of Positions					5EHDR-XXPL	P69					
5ESDS-XXP		02-24P	5ESDSR-XXP	02-24P							
Accessories			ESDK1	P49							
			ESDK2	P49							
											

5.00mm			5ESDSM-XXP			5ESDSRM-XXP			Socket		
Technical Data	UL	IEC			5EHDKM/T-XXP	P59	Please refer to the related page number for the compatible headers.				
Rated voltage	300V	600V			5EHDKPM-XXP	P59					
Rated current	10A	12A			5EHDRM-XXP	P57					
Solid (AWG/mm <sup>2</sup> )		0.2-2.5			5EHDRM-XXPL	P69					
Flexible (AWG/mm <sup>2</sup> )	26-12	0.2-2.5			5EHDRM-XXPL	P69					
Rated impulse voltage		4KV			5EHDRM-XXPL	P69					
Torque (N-m)					5EHDRM-XXPL	P69					
Screw					5EHDRM-XXPL	P69					
Wire strip length	12mm				5EHDRM-XXPL	P69					
Number of Positions					5EHDRM-XXPL	P69					
5ESDSM-XXP		02-24P	5ESDSRM-XXP	02-24P							
Accessories			ESDK1	P49							
			ESDK2	P49							
											

5.08mm			2ESDS-XXP			2ESDSR-XXP			Socket		
Technical Data	UL	IEC			2EHDA-XXP	P58	Please refer to the related page number for the compatible headers.				
Rated voltage	300V	600V			2EHDAC-XXP	P58					
Rated current	10A	12A			2EHDR-XXP	P59					
Solid (AWG/mm <sup>2</sup> )		0.2-2.5			2EHDR-XXPL	P69					
Flexible (AWG/mm <sup>2</sup> )	26-12	0.2-2.5			2EHDR-XXPL	P69					
Rated impulse voltage		4KV			2EHDR-XXPL	P69					
Torque (N-m)					2EHDR-XXPL	P69					
Screw					2EHDR-XXPL	P69					
Wire strip length	12mm				2EHDR-XXPL	P69					
Number of Positions					2EHDR-XXPL	P69					
2ESDS-XXP		02-24P	2ESDSR-XXP	02-24P							
Accessories			ESDK1	P49							
			ESDK2	P49							
											

5.08mm			2ESDSM-XXP			2ESDSRM-XXP			Socket		
Technical Data	UL	IEC			2EHDRM-XXP	P59	Please refer to the related page number for the compatible headers.				
Rated voltage	300V	600V			2EHDRM-XXPL	P69					
Rated current	10A	12A			2EHDRM-XXPL	P69					
Solid (AWG/mm <sup>2</sup> )		0.2-2.5			2EHDRM-XXPL	P69					
Flexible (AWG/mm <sup>2</sup> )	26-12	0.2-2.5			2EHDRM-XXPL	P69					
Rated impulse voltage		4KV			2EHDRM-XXPL	P69					
Torque (N-m)					2EHDRM-XXPL	P69					
Screw					2EHDRM-XXPL	P69					
Wire strip length	12mm				2EHDRM-XXPL	P69					
Number of Positions					2EHDRM-XXPL	P69					
2ESDSM-XXP		02-24P	2ESDSRM-XXP	02-24P							
Accessories			ESDK1	P49							
			ESDK2	P49							
											

5.08mm			2ESDB-XXP			2ESDBA-XXP			Socket		
Technical Data	UL	IEC			2EHDA-XXP	P58	Please refer to the related page number for the compatible headers.				
Rated voltage	300V	600V			2EHDAC-XXP	P58					
Rated current	12A	15A			2EHDR-XXP	P59					
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5			2EHDR-XXPL	P69					
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5			2EHDR-XXPL	P69					
Rated impulse voltage		4KV			2EHDR-XXPL	P69					
Torque (N-m)					2EHDR-XXPL	P69					
Screw					2EHDR-XXPL	P69					
Wire strip length	11-12mm				2EHDR-XXPL	P69					
Number of Positions					2EHDR-XXPL	P69					
2ESDB-XXP		02-24P	2ESDBA-XXP	02-24P							
											

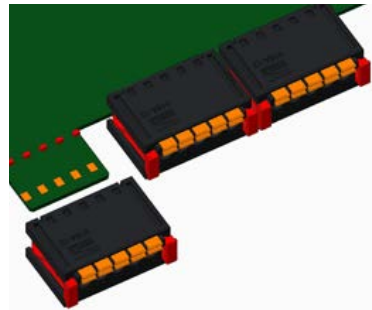
5.08mm			2ESDBM-XXP			2ESDBAM-XXP			Socket		
Technical Data	UL	IEC			2EHDRM-XXP	P59	Please refer to the related page number for the compatible headers.				
Rated voltage	300V	600V			2EHDRM-XXPL	P69					
Rated current	12A	15A			2EHDRM-XXPL	P69					
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5			2EHDRM-XXPL	P69					
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5			2EHDRM-XXPL	P69					
Rated impulse voltage		4KV			2EHDRM-XXPL	P69					
Torque (N-m)					2EHDRM-XXPL	P69					
Screw					2EHDRM-XXPL	P69					
Wire strip length	11-12mm				2EHDRM-XXPL	P69					
Number of Positions					2EHDRM-XXPL	P69					
2ESDBM-XXP		02-24P	2ESDBAM-XXP	02-24P							
											

7.62mm		3ESDS-XXP		3ESDSR-XXP		Socket	
Technical Data	UL	IEC			<b>3EHDR-XXP</b>	P61	
Rated voltage	300V	800V			<b>3EHDR-XXP</b>	P61	
Rated current	10A	15A			<b>3EHDV-XXP</b>	P60	
Solid (AWG/mm <sup>2</sup> )	26-12	0.2-2.5			<b>3EHDVC-XXP</b>	P60	
Flexible (AWG/mm <sup>2</sup> )	26-12	0.2-2.5			Please refer to the related page number for the compatible headers.		
Rated impulse voltage		6KV					
Torque (N-m)							
Screw							
Wire strip length	10-11mm						
Number of Positions	02-12P						
Accessories	P49						
ESDK1	P49						
ESDK2	P49						

7.62mm		3ESDSM-XXP		3ESDSRM-XXP		Socket	
Technical Data	UL	IEC			<b>3EHDRM-XXP</b>	P61	
Rated voltage	300V	800V			<b>3EHDRM-XXP</b>	P61	
Rated current	10A	15A			<b>3EHDVM-XXP</b>	P60	
Solid (AWG/mm <sup>2</sup> )	26-12	0.2-2.5			Please refer to the related page number for the compatible headers.		
Flexible (AWG/mm <sup>2</sup> )	26-12	0.2-2.5					
Rated impulse voltage		6KV					
Torque (N-m)							
Screw							
Wire strip length	10-11mm						
Number of Positions	02-12P						
Accessories	P49						
ESDK1	P49						
ESDK2	P49						

## Card Edge – direct connection



**Wire connection method: Push-in connection**  
**Pitch: 3.50/ 5.0/ 7.0/ 10.0mm**  
**UL Rated: 150V/5A ~ 300V/5A**  
**IEC Rated: 320V/5A ~ 800V/8A**

- Direct connection on a 1.0 or 1.6mm thick PCB without additional pin strip.
- Push-in connection for quick and easy wiring.
- Special indication design on each pole allows integration LED on the PCB for clear signal identification.

**0 1 8 4 - 1 1 X X**

- ① series number
- ② Pitch
  - 1 = 3.5mm
  - 3 = 5.0mm
  - 5 = 7.0mm
  - 8 = 10.0mm
- ③ Compatible PCB thickness & Release tool
  - 1 - 1.0mm PCB thickness
  - 2 - 1.0mm PCB thickness, with release tool
  - 3 - 1.6mm PCB thickness
  - 4 - 1.6mm PCB thickness, with release tool
- ④ Pole number

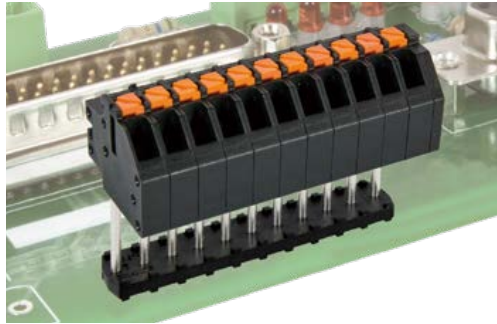
7.00mm		10.00mm			
Technical Data	UL	IEC	Technical Data	UL	IEC
Rated voltage	300V	630V	Rated voltage	300V	800V
Rated current	6A	8A	Rated current	6A	8A
Solid (AWG/mm <sup>2</sup> )	24-16	0.2-1.5	Solid (AWG/mm <sup>2</sup> )	24-16	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	24-16	0.2-1.5	Flexible (AWG/mm <sup>2</sup> )	24-16	0.2-1.5
Rated impulse voltage		6KV	Rated impulse voltage		8KV
Torque (N-m)			Torque (N-m)		
Screw			Screw		
Wire strip length	8-9mm		Wire strip length	8-9mm	
Number of Positions	02-12P		Number of Positions	02-99P	
0184-51XX	02-12P		0184-81XX	02-99P	
0184-52XX	02-12P		0184-82XX	02-99P	
0184-53XX	02-12P		0184-83XX	02-99P	
0184-54XX	02-12P		0184-84XX	02-99P	

3.50mm		5.00mm			
Technical Data	UL	IEC	Technical Data	UL	IEC
Rated voltage	150V	320V	Rated voltage	300V	320V
Rated current	6A	5A	Rated current	6A	6A
Solid (AWG/mm <sup>2</sup> )	24-16	0.2-1.5	Solid (AWG/mm <sup>2</sup> )	24-16	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	24-16	0.2-1.5	Flexible (AWG/mm <sup>2</sup> )	24-16	0.2-1.5
Rated impulse voltage		2.5KV	Rated impulse voltage		4KV
Torque (N-m)			Torque (N-m)		
Screw			Screw		
Wire strip length	8-9mm		Wire strip length	8-9mm	
Number of Positions	02-24P		Number of Positions	02-18P	
0184-11XX	02-24P		0184-31XX	02-18P	
0184-12XX	02-24P		0184-32XX	02-18P	
0184-13XX	02-24P		0184-33XX	02-18P	
0184-14XX	02-24P		0184-34XX	02-18P	

0184-51XX	0184-52XX	0184-81XX	0184-82XX
0184-53XX	0184-54XX	0184-83XX	0184-84XX

0184-11XX	0184-12XX	0184-31XX	0184-32XX
0184-13XX	0184-14XX	0184-33XX	0184-34XX

## PID Pluggable Terminal Blocks – pin strip design

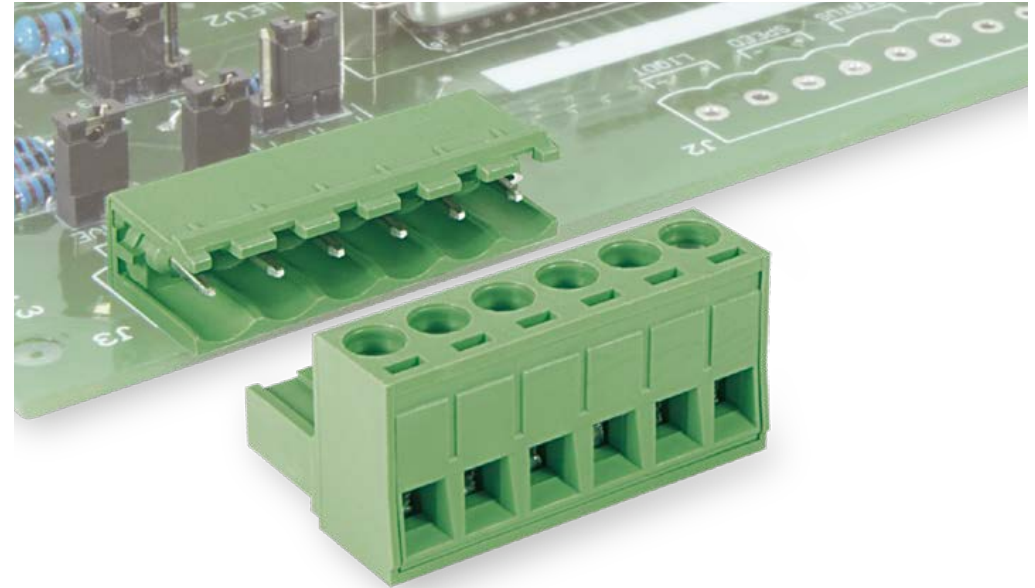


**Pitch: 3.50/ 5.0mm**  
**UL Rated: 150V/2A ~ 300V/2A**  
**IEC Rated: 160V/4A ~ 320V/9A**

- Push-in connection for quick and easy wiring.
- Pin strip in high temperature material suitable for reflow application.
- The cover of the terminal block function as a lever which helps to remove the plug from the pin strip easily.

3.50mm			0191-01XX	0191-01XXC	0191-11XXTH
Technical Data	UL	IEC			
Rated voltage	150V	160V			
Rated current	2A	4A			
Solid (AWG/mm <sup>2</sup> )	28-16	0.5-1.5			
Flexible (AWG/mm <sup>2</sup> )	28-16	0.5-1.5			
Rated impulse voltage		3KV			
Torque (N-m)					
Screw					
Wire strip length					
0191-01XX	8mm				
0191-01XXC	8mm				
Number of Positions	02-20P				
Pin strip: 0191-11XXTH					
3.50mm			0191-06XX	0191-06XXC	0191-16XXTH
Technical Data	UL	IEC			
Rated voltage	300V	320V			
Rated current	8A	9A			
Solid (AWG/mm <sup>2</sup> )	24-16	0.2-1.5			
Flexible (AWG/mm <sup>2</sup> )	24-16	0.2-1.5			
Rated impulse voltage		4KV			
Torque (N-m)					
Screw					
Wire strip length					
0191-06XX	8mm				
0191-06XXC	8mm				
Number of Positions	02-20P				
Pin strip: 0191-16XXTH					
Various pin lengths available					
5.00mm			0191-02XX	0191-02XXC	0191-12XXTH
Technical Data	UL	IEC			
Rated voltage	300V	320V			
Rated current	2A	4A			
Solid (AWG/mm <sup>2</sup> )	28-16	0.5-1.5			
Flexible (AWG/mm <sup>2</sup> )	28-16	0.5-1.5			
Rated impulse voltage		4KV			
Torque (N-m)					
Screw					
Wire strip length					
0191-02XX	8mm				
0191-02XXC	8mm				
Number of Positions	02-20P				
Pin strip: 0191-12XXTH					
Various pin lengths available					

## Screw Connection Plug



**Connection method: screw connection with elevated wire cage**  
**Pitch: 3.50mm / 3.81mm / 5.00mm / 5.08mm / 6.35mm / 7.50mm / 7.62mm / 10.16 mm**  
**UL Rated: 300V / 8A ~ 600V / 51A**  
**IEC Rated: 320V / 14A ~ 1000V / 76A**

- Single and double-level plugs.
- Mating sockets include standard PA version and THR version.
- Key codes are available for identification of individual pole.
- Rigid structure for excellent durability.

The wire cage structure uses a high carbon steel material that undergoes a two-stage heat treatment process which strengthens the steel while maintaining ductility. The screw connection features a large contact surface that is suitable for solid and stranded wires. The wire cage is designed to ensure tight contact point which helps to achieve the low contact resistance and resistance to corrosion.



### 3.50mm

#### EC350V-XXP

#### EC350R-XXP

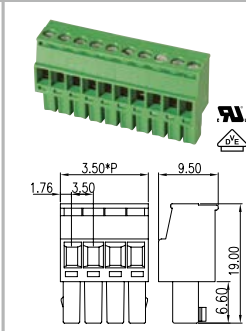
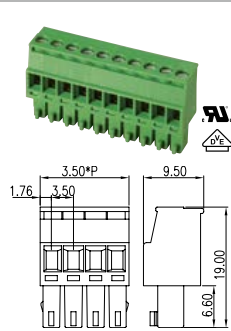
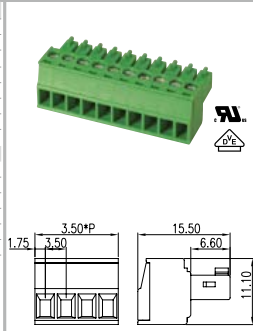
#### EC350RL-XXP

### 3.50mm

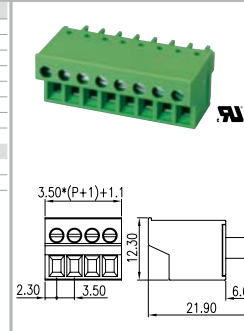
#### EC350F-XXP

### Socket

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm <sup>2</sup> )	28-14	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	28-14	0.2-1.5
Rated impulse voltage		2.5KV
Torque (N-m)		0.2
Screw		M2
Wire strip length		6-7mm
Number of Positions		
EC350V-XXP		02-24P
EC350R-XXP		02-22P
EC350RL-XXP		02-22P
EC350VM-XXP		02-24P
EC350RM-XXP		02-20P
EC350RLM-XXP		02-20P



Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm <sup>2</sup> )	30-16	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	30-14	0.2-1.5
Rated impulse voltage		2KV
Torque (N-m)		0.3
Screw		M2
Wire strip length		8-9mm
Number of Positions		
EC350F-XXP		02-24P
EC350FM-XXP		02-24P



ECH350V-XXP	P56	ECH350H-XXP	P57
ECH350V-XXPL	P66	ECH350R-XXP	P56
ECHB350V-XXP	P63	ECH350R-XXPL	P67
EECH350V-XXP	P64	ECHB350R-XXP	P63
		EECH350R-XXP	P64

Please refer to the related page number for the compatible headers.

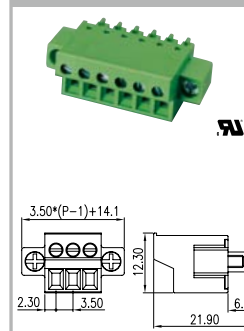
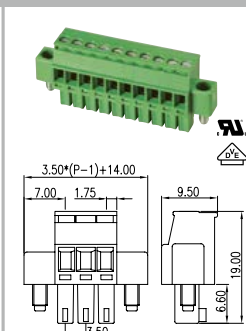
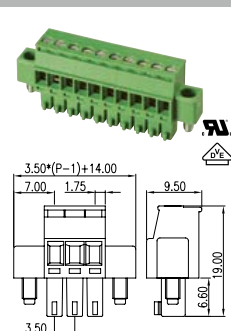
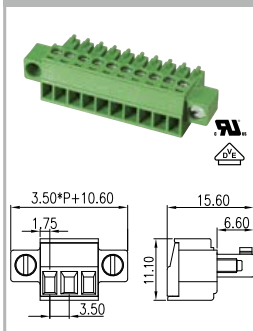
#### EC350VM-XXP

#### EC350RM-XXP

#### EC350RLM-XXP

#### EC350FM-XXP

### Socket



ECH350VM-XXP	P56	ECH350RM-XXP	P57
ECH350VM-XXPL	P67	ECH350RM-XXPL	P66
ECHB350VM-XXP	P63	ECHB350RM-XXP	P63
EECH350VM-XXP	P64	EECH350RM-XXP	P64

Please refer to the related page number for the compatible headers.

### 3.81mm

#### EC381V-XXP

#### EC381R-XXP

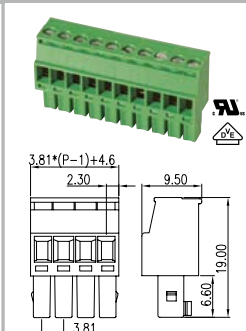
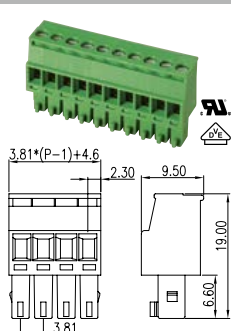
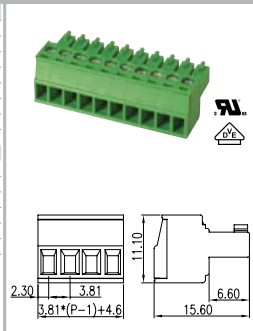
#### EC381RL-XXP

### 3.81mm

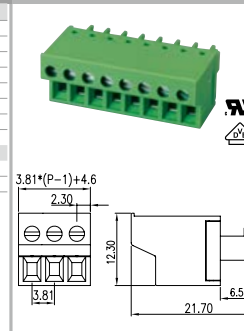
#### EC381F-XXP

### Socket

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm <sup>2</sup> )	28-14	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	28-14	0.2-1.5
Rated impulse voltage		2.5KV
Torque (N-m)		0.2
Screw		M2
Wire strip length		7-8mm
Number of Positions		
EC381V-XXP		02-24P
EC381R-XXP		02-22P
EC381RL-XXP		02-22P
EC381VM-XXP		02-24P
EC381RM-XXP		02-20P
EC381RLM-XXP		02-20P



Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm <sup>2</sup> )	30-14	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	30-14	0.2-1.5
Rated impulse voltage		2.5KV
Torque (N-m)		0.3
Screw		M2
Wire strip length		7-8mm
Number of Positions		
EC381F-XXP		02-20P
EC381FM-XXP		02-20P



ECH381V-XXP	P56	ECH381A-XXP	P56
ECH381V-XXPL	P66	ECH381H-XXP	P57
ECHB381V-XXP	P62	ECH381R-XXP	P56
EECH381V-XXP	P64	ECH381R-XXPL	P67
		ECHB381R-XXP	P62
		EECH381R-XXP	P64

Please refer to the related page number for the compatible headers.

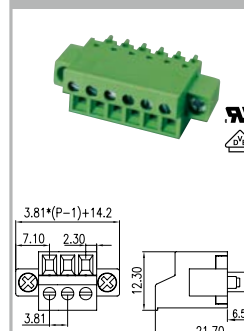
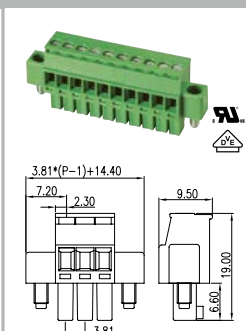
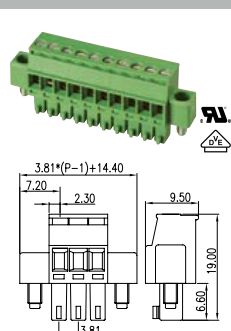
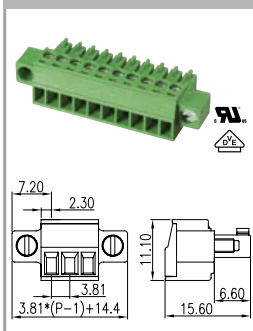
#### EC381VM-XXP

#### EC381RM-XXP

#### EC381RLM-XXP

#### EC381FM-XXP

### Socket


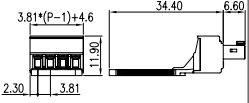


ECH381VM-XXP	P56	ECH381AM-XXP	P56
ECH381VM-XXPL	P66	ECH381RM-XXP	P57
ECHP381V-XXP	P56	ECH381RM-XXPL	P67
ECHB381VM-XXP	P62	ECHB381RM-XXP	P63
EECH381VM-XXP	P64	EECH381RM-XXP	P65

Please refer to the related page number for the compatible headers.

### 3.81mm EC381L-XXP Socket


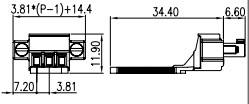
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm <sup>2</sup> )	28-14	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	28-14	0.2-1.5
Rated impulse voltage	2.5KV	
Torque (N-m)		
Screw	M2	
Wire strip length	6-7mm	
Number of Positions		
EC381L-XXP	02-09P	
EC381LM-XXP	02-09P	

Socket	Part Number	Part Number	Part Number
ECH381V-XXP	P56	ECH381A-XXP	P56
ECH381V-XXPL	P66	ECH381H-XXP	P57
ECHB381V-XXP	P62	ECH381R-XXP	P56
EECH381V-XXP	P64	ECH381R-XXPL	P67
		ECHB381R-XXP	P62
		EECH381R-XXP	P64

Please refer to the related page number for the compatible headers.

### 3.81mm EC381LM-XXP Socket



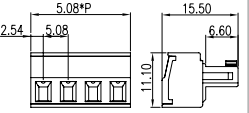
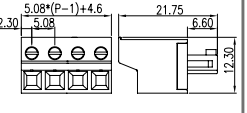



Socket	Part Number	Part Number	Part Number
ECH381VM-XXP	P56	ECH381AM-XXP	P56
ECH381VM-XXPL	P66	ECH381RM-XXP	P57
ECHP381V-XXP	P56	ECH381RM-XXPL	P67
ECHB381VM-XXP	P62	ECHB381RM-XXP	P63
EECH381VM-XXP	P64	EECH381RM-XXP	P65

Please refer to the related page number for the compatible headers.

### 5.08mm EC508V-XXP EC508F-XXP Socket



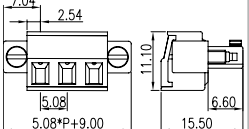
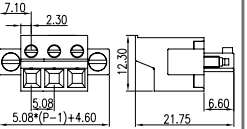
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	12A	14A
Solid (AWG/mm <sup>2</sup> )		
EC508V-XXP	30-14	0.2-1.5
EC508F-XXP	28-14	0.2-1.5
EC508VM-XXP	30-14	0.2-1.5
EC508FM-XXP	28-14	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )		
EC508V-XXP	30-14	0.2-1.5
EC508F-XXP	28-14	0.2-1.5
EC508VM-XXP	30-14	0.2-1.5
EC508FM-XXP	28-14	0.2-1.5
Rated impulse voltage	4KV	
Torque (N-m)		
EC508V-XXP	0.2	
EC508F-XXP	0.3	
EC508VM-XXP	0.2	
EC508FM-XXP	0.3	
Screw	M2	
Wire strip length	8-9mm	
Number of Positions		
EC508V-XXP	02-24P	
EC508F-XXP	02-24P	
EC508VM-XXP	02-24P	
EC508FM-XXP	02-24P	

Socket	Part Number	Part Number
ECH508V-XXP	P58	
ECH508R-XXP	P58	

Please refer to the related page number for the compatible headers.

### 5.08mm EC508VM-XXP EC508FM-XXP Socket

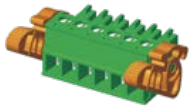
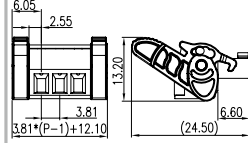





Socket	Part Number	Part Number
ECH508VM-XXP	P58	
ECH508RM-XXP	P59	

Please refer to the related page number for the compatible headers.

### 3.81mm EC381VK-XXP Socket

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm <sup>2</sup> )	28-14	0.2-1.5
Flexible (AWG/mm <sup>2</sup> )	28-14	0.2-1.5
Rated impulse voltage	2.5KV	
Torque (N-m)	0.2	
Screw	M2	
Wire strip length	7-8mm	
Number of Positions		
EC381VK-XXP	02-24P	



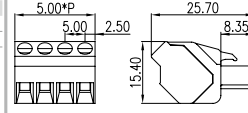
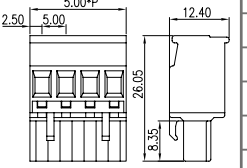



Socket	Part Number
ECHB381RRD-XXP	P63

Please refer to the related page number for the compatible headers.

### 5.00mm 5ESDA-XXP 5ESDP-XXP Socket

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7-8mm	
Number of Positions		
5ESDA-XXP	02-24P	
5ESDP-XXP	02-24P	
Accessories		
ESDK1	P49	
ESDK2	P49	


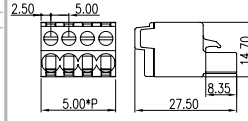





Socket	Part Number
5EHDV-XXP	P56
5EHDV-XXPL	P68
5EHDVC-XXP	P56
5EHDVC-XXPL	P68
5EHDVB-XXP	P62
5EEHDV-XXP	P64
5EHDR-XXP	P64
5EHDR-XXPL	P57
5EHDRC-XXP	P69
5EHDRC-XXPL	P57
5EHDV-XXP	P62
5EHDV-XXPL	P68
5EHDV-XXP	P58
5EHDV-XXPL	P68
5EHDV-XXP	P58
5EHDV-XXPL	P68
5EHDV-XXP	P64
5EHDV-XXP/T	P58

Please refer to the related page number for the compatible headers.

### 5.00mm 5ESDF-XXP Socket

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	9-10mm	
Number of Positions		
5ESDF-XXP	02-24P	
Accessories		
ESDK1	P49	
ESDK2	P49	


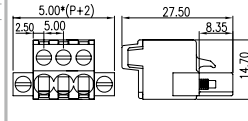



Socket	Part Number
5EHDV-XXP	P56
5EHDV-XXPL	P68
5EHDV-XXP	P62
5EHDV-XXP	P64
5EHDV-XXP	P69
5EHDV-XXP/T	P59
5EHDV-XXP	P63
5EHDV-XXP	P64

Please refer to the related page number for the compatible headers.

### 5.00mm 5ESDFM-XXP Socket

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	9-10mm	
Number of Positions		
5ESDFM-XXP	02-24P	
Accessories		
ESDK1	P49	
ESDK2	P49	

Socket	Part Number
5EHDV-XXP	P56
5EHDV-XXPL	P68
5EHDV-XXP	P62
5EHDV-XXP	P64
5EHDV-XXP	P69
5EHDV-XXP/T	P59
5EHDV-XXP	P63
5EHDV-XXP	P64

Please refer to the related page number for the compatible headers.



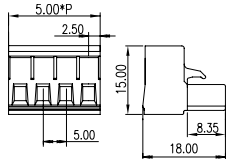
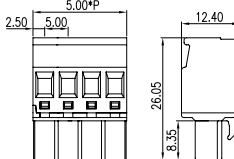


### 5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7-8mm	

Number of Positions	
5ESDV-XXP	02-24P
5ESDPL-XXP	02-24P
5ESDT-XXP	02-24P

Accessories	
ESDK1	P49
ESDK2	P49


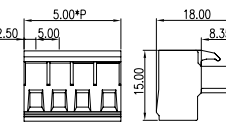





### 5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7-8mm	

Number of Positions	
5ESDV-XXP	02-24P
5ESDPL-XXP	02-24P
5ESDT-XXP	02-24P

Accessories	
ESDK1	P49
ESDK2	P49



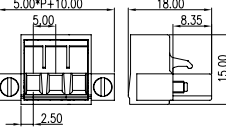
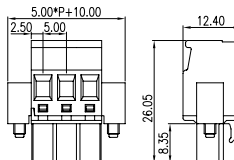
Please refer to the related page number for the compatible headers.

### 5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7-8mm	

Number of Positions	
5ESDVM-XXP	02-24P
5ESDPLM-XXP	02-24P
5ESDAM-XXP	02-24P
5ESDPM-XXP	02-24P

Accessories	
ESDK1	P49
ESDK2	P49



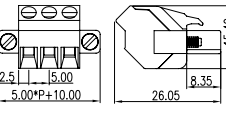
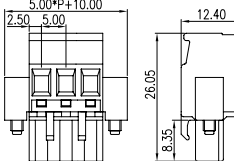





### 5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7-8mm	

Number of Positions	
5ESDVM-XXP	02-24P
5ESDPLM-XXP	02-24P
5ESDAM-XXP	02-24P
5ESDPM-XXP	02-24P

Accessories	
ESDK1	P49
ESDK2	P49



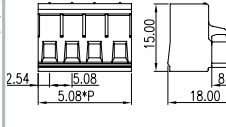
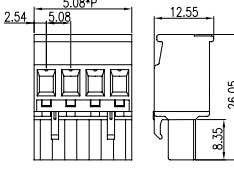
Please refer to the related page number for the compatible headers.

### 5.08mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7-8mm	

Number of Positions	
2ESDV-XXP	02-24P
2ESDP-XXP	02-24P

Accessories	
ESDK1	P49
ESDK2	P49



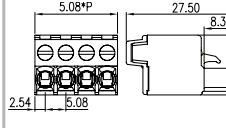
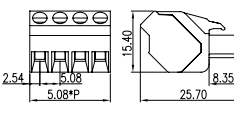





### 5.08mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	28-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	9-10mm	

Number of Positions	
2ESDF-XXP	02-24P
2ESDA-XXP	02-24P

Accessories	
ESDK1	P49
ESDK2	P49



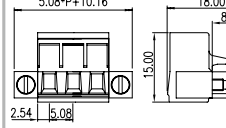
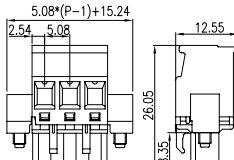
Please refer to the related page number for the compatible headers.

### 5.08mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7-8mm	

Number of Positions	
2ESDVM-XXP	02-24P
2ESDPM-XXP	02-24P

Accessories	
ESDK1	P49
ESDK2	P49


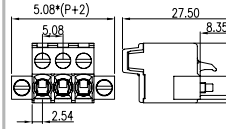
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### 5.08mm

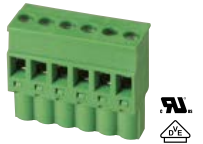




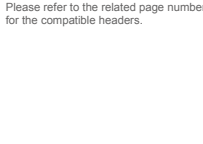
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	28-12	0.2-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	9-10mm	

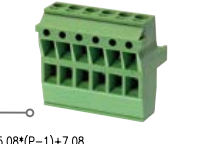
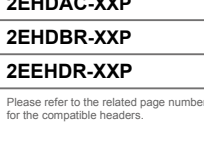

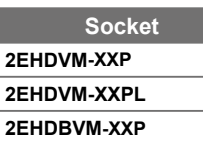

Number of Positions	
2ESDFM-XXP	02-24P


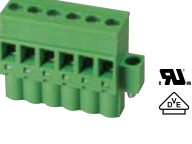

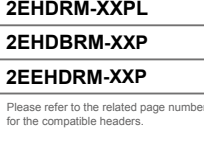


Accessories	
ESDK1	P49
ESDK2	P49










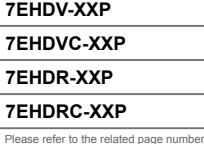

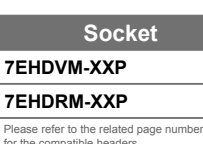

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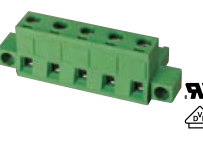

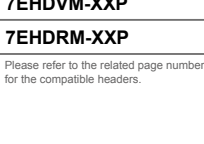

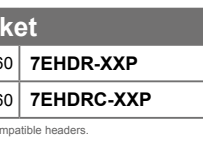

5.08mm			2ESDPL-XXP		2ESDL-XXP		Socket	
Technical Data	UL	IEC						
Rated voltage	300V	600V						
Rated current	15A	18A						
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5						
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5						
Rated impulse voltage		4KV						
Torque (N·m)	0.5							
Screw	M2.5							
Wire strip length	7-8mm							
Number of Positions								
2ESDPL-XXP	02-24P							
2ESDL-XXP	03-16P							
Accessories								
ESDK1	P49							
ESDK2	P49							


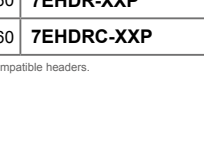



5.08mm			2ESDVB-XXP		2EHDA-XXP		2EHDC-XXPL	
Technical Data	UL	IEC						
Rated voltage	300V	630V						
Rated current	16A	18A						
Solid (AWG/mm <sup>2</sup> )	30-12	0.2-2.5						
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5						
Rated impulse voltage		4KV						
Torque (N·m)	0.6							
Screw	M2.5							
Wire strip length	7mm							
Number of Positions								
2ESDVB-XXP	02-12P							
Accessories								
ESDK1	P49							
ESDK2	P49							





5.08mm			2ESDAM-XXP		2ESDPLM-XXP		Socket	
Technical Data	UL	IEC						
Rated voltage	300V	600V						
Rated current	15A	18A						
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5						
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5						
Rated impulse voltage		4KV						
Torque (N·m)	0.5							
Screw	M2.5							
Wire strip length	7-8mm							
Number of Positions								
2ESDAM-XXP	02-24P							
2ESDPLM-XXP	02-24P							
Accessories								
ESDK1	P49							
ESDK2	P49							

5.08mm			2ESDVB-XXP		2EHDV-XXP		2EHDV-XXPL	
Technical Data	UL	IEC						
Rated voltage	300V	630V						
Rated current	16A	18A						
Solid (AWG/mm <sup>2</sup> )	30-12	0.2-2.5						
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5						
Rated impulse voltage		4KV						
Torque (N·m)	0.6							
Screw	M2.5							
Wire strip length	7mm							
Number of Positions								
2ESDVB-XXP	02-12P							
Accessories								
ESDK1	P49							
ESDK2	P49							

7.50mm			7ESDV-XXP		7ESDP-XXP		Socket	
Technical Data	UL	IEC						
Rated voltage	300V	800V						
Rated current	15A	18A						
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5						
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5						
Rated impulse voltage		6KV						
Torque (N·m)	0.5							
Screw	M2.5							
Wire strip length	7-8mm							
Number of Positions								
7ESDV-XXP	02-12P							
7ESDP-XXP	02-11P							
7ESDVM-XXP	02-12P							
7ESDPM-XXP	02-11P							
Accessories								
ESDK1	P49							
ESDK2	P49							

7.50mm			7ESDVM-XXP		7ESDPM-XXP		Socket	
Technical Data	UL	IEC						
Rated voltage	300V	800V						
Rated current	15A	18A						
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5						
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5						
Rated impulse voltage		6KV						
Torque (N·m)	0.5							
Screw	M2.5							
Wire strip length	7-8mm							
Number of Positions								
7ESDVM-XXP	02-12P							
7ESDPM-XXP	02-11P							
Accessories								
ESDK1	P49							
ESDK2	P49							

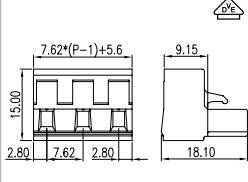
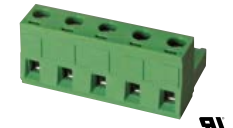
7.50mm			7ESDPL-XXP		7EHDV-XXP		7EHDV-XXPL	
Technical Data	UL	IEC						
Rated voltage	300V	800V						
Rated current	15A	18A						
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5						
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5						
Rated impulse voltage		6KV						
Torque (N·m)	0.5							
Screw	M2.5							
Wire strip length	7-8mm							
Number of Positions								
7ESDPL-XXP	02-11P							
7ESDPLM-XXP	02-11P							
Accessories								
ESDK1	P49							
ESDK2	P49							

7.50mm			7ESDPLM-XXP		7EHDV-XXP		7EHDV-XXPL	
Technical Data	UL	IEC						
Rated voltage	300V	800V						
Rated current	15A	18A						
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5						
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5						
Rated impulse voltage		6KV						
Torque (N·m)	0.5							
Screw	M2.5							
Wire strip length	7-8mm							
Number of Positions								
7ESDPLM-XXP	02-11P							
Accessories								
ESDK1	P49							
ESDK2	P49							

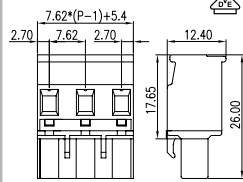
### 7.62mm

Technical Data		UL	IEC
Rated voltage		300V	800V
Rated current		15A	18A
Solid (AWG/mm <sup>2</sup> )			
3ESDV-XXP	28-12	0.2-2.5	
3ESDP-XXP	28-12	0.2-2.5	
3ESDVM-XXP	28-12	0.5-2.5	
3ESDPM-XXP	28-12	0.2-2.5	
Flexible (AWG/mm <sup>2</sup> )			
3ESDV-XXP	30-12	0.2-2.5	
Rated impulse voltage		6KV	
Torque (N·m)			
		0.5	
Screw			
		M2.5	
Wire strip length			
		7-8mm	
Number of Positions			
3ESDV-XXP	02-12P		
3ESDP-XXP	02-12P		
3ESDVM-XXP	02-12P		
3ESDPM-XXP	02-12P		
Accessories			
ESDK1		P49	
ESDK2		P49	

### 3ESDV-XXP



### 3ESDP-XXP

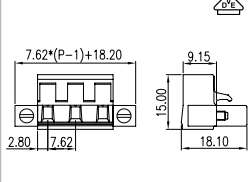
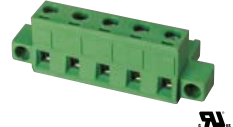


### Socket

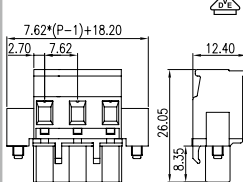
3EHDV-XXP	P60
3EHDVC-XXP	P60
3EHDR-XXP	P61
3EHDRC-XXP	P61

Please refer to the related page number for the compatible headers.

### 3ESDVM-XXP



### 3ESDPM-XXP



### Socket

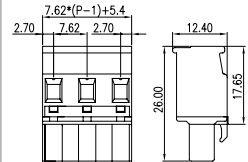
3EHDVM-XXP	P60
3EHDVM-XXP	P61

Please refer to the related page number for the compatible headers.

### 7.62mm

Technical Data		UL	IEC
Rated voltage		300V	800V
Rated current		15A	18A
Solid (AWG/mm <sup>2</sup> )			
3ESDPL-XXP	28-12	0.2-2.5	
3ESDPLM-XXP	30-12	0.2-2.5	
Flexible (AWG/mm <sup>2</sup> )			
3ESDPL-XXP	30-12	0.2-2.5	
Rated impulse voltage		6KV	
Torque (N·m)			
		0.5	
Screw			
		M2.5	
Wire strip length			
		7-8mm	
Number of Positions			
3ESDPL-XXP	02-12P		
3ESDPLM-XXP	02-12P		
Accessories			
ESDK1		P49	
ESDK2		P49	

### 3ESDPL-XXP

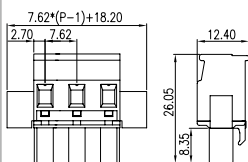


### Socket

3EHDV-XXP	P60	3EHDR-XXP	P61
3EHDVC-XXP	P60	3EHDRC-XXP	P61

Please refer to the related page number for the compatible headers.

### 3ESDPLM-XXP

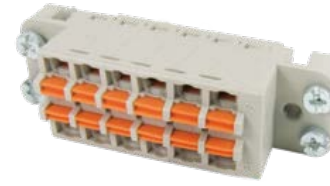


### Socket

3EHDVM-XXP	P60	3EHDVM-XXP	P61
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Please refer to the related page number for the compatible headers.

## PID Pluggable Terminal Blocks for Relay Protection Equipment

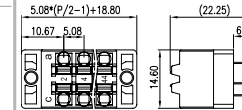
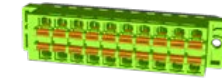


- Push-in design connection, sufficiently improves wire installation time.
- High conductive material is adopted and structurally designed for low contact resistance.
- Designed for high density connection, suitable for IO device, monitoring device or power distribution applications.

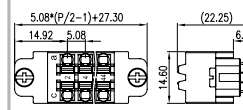
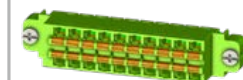
### 5.08mm

Technical Data		UL	IEC
Rated voltage		300V	320V
Rated current		6A	6A
Solid (AWG/mm <sup>2</sup> )			
FDC508B-XXP	28-16	0.2-1.5	
FDC508B1-XXP	28-16	0.2-1.5	
FDC508B3-XXP	28-16	0.2-1.5	
Rated impulse voltage		4KV	
Torque (N·m)			
Screw			
Wire strip length			
		8-9mm	
Number of Positions			
FDC508B-XXP	20-44P		
FDC508B1-XXP	20-44P		
FDC508B3-XXP	20-44P		

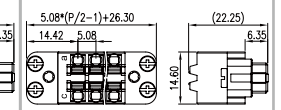
### FDC508B-XXP



### FDC508B1-XXP



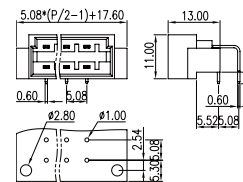
### FDC508B3-XXP



### 5.08mm

Technical Data		UL	IEC
Rated voltage		300V	320V
Rated current		6A	6A
Solid (AWG/mm <sup>2</sup> )			
FDC508R-XXP	28-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )			
FDC508R-XXP	28-16	0.2-1.5	
Rated impulse voltage		4KV	
Torque (N·m)			
Screw			
Wire strip length			
		8-9mm	
Number of Positions			
FDC508R-XXP	20-32P		

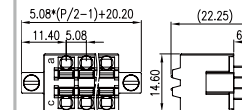
### FDCH508R-XXP



### 5.08mm

Technical Data		UL	IEC
Rated voltage		300V	320V
Rated current		6A	6A
Solid (AWG/mm <sup>2</sup> )			
FDC508BM-XXP	28-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )			
FDC508BM-XXP	28-16	0.2-1.5	
Rated impulse voltage		4KV	
Torque (N·m)			
Screw			
Wire strip length			
		8-9mm	
Number of Positions			
FDC508BM-XXP	20-44P		

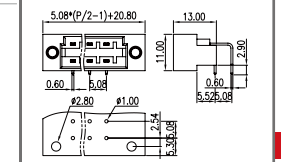
### FDC508BM-XXP



### 5.08mm

Technical Data		UL	IEC
Rated voltage		300V	320V
Rated current		6A	6A
Solid (AWG/mm <sup>2</sup> )			
FDC508RM-XXP	28-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )			
FDC508RM-XXP	28-16	0.2-1.5	
Rated impulse voltage		4KV	
Torque (N·m)			
Screw			
Wire strip length			
		8-9mm	
Number of Positions			
FDC508RM-XXP	20-32P		

### FDCH508RM-XXP



# Screw Connection Pluggable Terminal Blocks – High Power



**Connection method: Screw connection**

**Pitch: 7.62mm / 10.16mm**

**UL Rated: 600V / 15A ~ 600V / 51A**

**IEC Rated: 320V / 24A ~ 1000V / 76A**

- 3ESNP series plug has a voltage capacity of 600V and current capacity up to 18A in a compact structure, and can be used with standard 3EHD series socket.
- EC762 series has a high current capacity up to 40A UL rating, and adopts M3 screw with connection up to 4mm<sup>2</sup> stranded wire. Available in horizontal design 02~06 poles.
- EC116V series plug has a current capacity of 51A UL rating and 75A IEC rating. The socket versions include vertical and horizontal plug-in direction to the PCB and an inverted version is available where solder-in direction is rotated by 180°.





3ESNP series





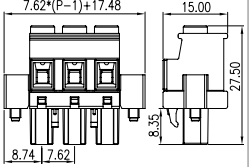
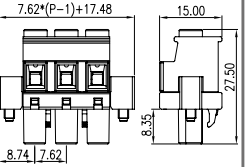


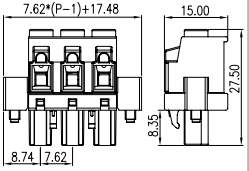
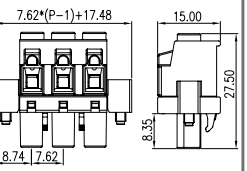
EC762 series


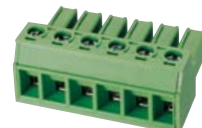
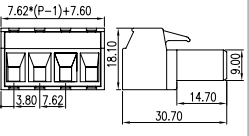
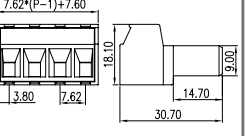
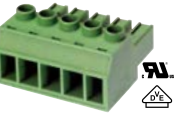

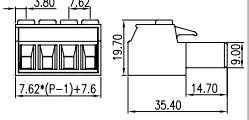
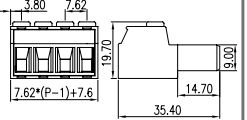




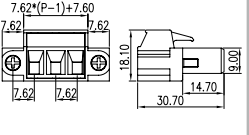
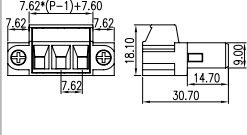


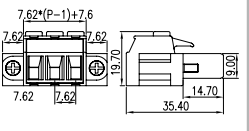
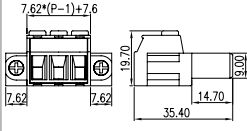
EC116V series



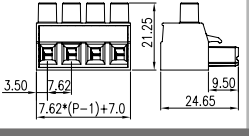
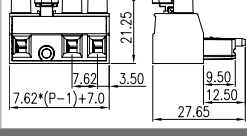


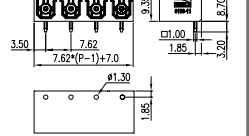
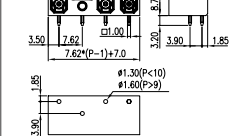
7.62mm			3ESNP-XXP	3ESNPL-XXP	Socket	
Technical Data	UL	IEC			3EHDV-XXP	P60
Rated voltage	600V	1000V			3EHDVC-XXP	P60
Rated current	15A	24A			3EHDR-XXP	P61
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5			3EHDRC-XXP	P61
Flexible (AWG/mm <sup>2</sup> )	28-12	0.2-2.5			Please refer to the related page number for the compatible headers.	
Rated impulse voltage		8KV				
Torque (N·m)		0.5				
Screw		M2.5				
Wire strip length		7-8mm				
Number of Positions						
3ESNP-XXP		02-12P				
3ESNPL-XXP		02-12P				
3ESNPS-XXP		02-12P				
3ESNPLS-XXP		02-12P				
3ESNPLM-XXP		02-12P				
3ESNPLSM-XXP		02-12P				
3ESNPLSM-XXP		02-12P				
7.62mm						
Technical Data	UL	IEC				
Rated voltage	600V	1000V				
Rated current	18A	24A				
Solid (AWG/mm <sup>2</sup> )	28-10	0.2-4				
Flexible (AWG/mm <sup>2</sup> )	28-10	0.2-4				
Rated impulse voltage		8KV				
Torque (N·m)						
Screw						
Wire strip length		7-8mm				
Number of Positions						
3ESNPHL-XXP		02-12P				
7.62mm						
Technical Data	UL	IEC				
Rated voltage	600V	1000V				
Rated current	18A	24A				
Solid (AWG/mm <sup>2</sup> )	28-10	0.2-4				
Flexible (AWG/mm <sup>2</sup> )	28-10	0.2-4				
Rated impulse voltage		8KV				
Torque (N·m)						
Screw						
Wire strip length		7-8mm				
Number of Positions						
3ESNPHL-XXP		02-12P				
7.62mm						
Technical Data	UL	IEC				
Rated voltage	600V	1000V				
Rated current	18A	24A				
Solid (AWG/mm <sup>2</sup> )	28-10	0.2-4				
Flexible (AWG/mm <sup>2</sup> )	28-10	0.2-4				
Rated impulse voltage		8KV				
Torque (N·m)						
Screw						
Wire strip length		7-8mm				
Number of Positions						
3ESNPHL-XXP		02-12P				



7.62mm			3ESNPM-XXP		3ESNPLM-XXP		Socket	
Technical Data	UL	IEC					<b>3EHDVM-XXP</b> P60	
Rated voltage	600V	1000V					<b>3EHDRM-XXP</b> P61	
Rated current	15A	24A					Please refer to the related page number for the compatible headers.	
Solid (AWG/mm <sup>2</sup> )	28-12	0.2-2.5						
Flexible (AWG/mm <sup>2</sup> )	28-12	0.2-2.5						
Rated impulse voltage		8KV						
Torque (N·m)	0.5							
Screw	M2.5							
Wire strip length	7-8mm							
Number of Positions								
3ESNP-XXP	02-12P							
3ESNPL-XXP	02-12P							
3ESNPS-XXP	02-12P							
3ESNPLS-XXP	02-12P							
3ESNPM-XXP	02-12P							
3ESNPLM-XXP	02-12P							
3ESNPSM-XXP	02-12P							
3ESNPLSM-XXP	02-12P							
3ESNPSM-XXP								
3ESNPLSM-XXP								

7.62mm			EC762V-XXP		EC762VN-XXP		Socket	
Technical Data	UL	IEC					<b>ECH762V-XXP</b> P60	
Rated voltage	300V	1000V					<b>ECH762R-XXP</b> P61	
Rated current	30A	32A					<b>ECH762RR-XXP</b> P60	
Solid (AWG/mm <sup>2</sup> )	30-10	0.2-4					<b>ECH762HR-XXP</b> P61	
Flexible (AWG/mm <sup>2</sup> )	30-10	0.2-4					<b>ECH762HRR-XXP</b> P61	
Rated impulse voltage		6KV					Please refer to the related page number for the compatible headers.	
Torque (N·m)	0.7							
Screw	M3							
Wire strip length	7-8mm							
Number of Positions	02-12P							
Accessories								
ECHK2	P49							
EC762HV-XXP								
EC762HVN-XXP								

7.62mm			EC762VM-XXP		EC762VNM-XXP		Socket	
Technical Data	UL	IEC					<b>ECH762VM-XXP</b> P60	
Rated voltage	300V	1000V					<b>ECH762VTM-XXP</b> P60	
Rated current	30A	32A					<b>ECH762RM-XXP</b> P61	
Solid (AWG/mm <sup>2</sup> )	30-10	0.2-4					<b>ECH762RRM-XXP</b> P60	
Flexible (AWG/mm <sup>2</sup> )	30-10	0.2-4					<b>ECH762RTM-XXP</b> P61	
Rated impulse voltage		6KV					Please refer to the related page number for the compatible headers.	
Torque (N·m)	0.7							
Screw	M3							
Wire strip length	7-8mm							
Number of Positions	02-12P							
Accessories								
ECHK2	P49							
EC762HVM-XXP								
EC762HVNM-XXP								

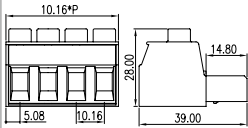
7.62mm			0183-01XX		0183-01XXXTXX		Socket	
Technical Data	UL	IEC					<b>ECH762V-XXP</b> P60	
Rated voltage	600V	630V					<b>ECH762R-XXP</b> P61	
Rated current	25A	32A					<b>ECH762RR-XXP</b> P60	
Solid (AWG/mm <sup>2</sup> )	20-10	0.2-6					<b>ECH762HR-XXP</b> P61	
Flexible (AWG/mm <sup>2</sup> )	20-10	0.2-6					<b>ECH762HRR-XXP</b> P61	
Rated impulse voltage		6KV					Please refer to the related page number for the compatible headers.	
Torque (N·m)								
Screw	M3							
Wire strip length	8mm							
Number of Positions								
0183-01XX	02-12P							
0183-01XXXTXX	03-12P							
7.62mm			<b>0183-11XX</b>		<b>0183-11XXXTXX</b>		Socket	
Technical Data	UL	IEC					<b>ECH762V-XXP</b> P60	
Rated voltage	300V	630V					<b>ECH762R-XXP</b> P61	
Rated current	25A	32A					<b>ECH762RR-XXP</b> P60	
Solid (AWG/mm <sup>2</sup> )							<b>ECH762HR-XXP</b> P61	
Flexible (AWG/mm <sup>2</sup> )							<b>ECH762HRR-XXP</b> P61	
Rated impulse voltage		6KV					Please refer to the related page number for the compatible headers.	
Torque (N·m)								
Screw								
Wire strip length								
Number of Positions								
0183-11XX	02-12P							
0183-11XXXTXX	03-12P							



### 10.16mm

### EC116V-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm <sup>2</sup> )	16-6	0.5-16
Flexible (AWG/mm <sup>2</sup> )	16-6	0.5-16
Rated impulse voltage		8KV
Torque (N-m)	1.8	
Screw	M4	
Wire strip length	14-15mm	



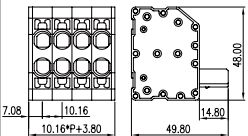
Number of Positions  
EC116V-XXP 02-10P

Accessories  
ECHK2 P49

### 10.16mm

### 0187-A4XX

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm <sup>2</sup> )	20-4	0.75-16
Flexible (AWG/mm <sup>2</sup> )	20-4	0.75-16
Rated impulse voltage		8KV
Torque (N-m)		
Screw		
Wire strip length	18-20mm	

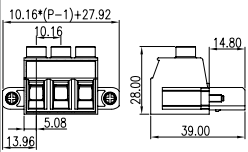


Number of Positions  
0187-A4XX 02-10P

### 10.16mm

### EC116VM-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm <sup>2</sup> )	16-6	0.5-16
Flexible (AWG/mm <sup>2</sup> )	16-6	0.5-16
Rated impulse voltage		8KV
Torque (N-m)		
Screw	M4	
Wire strip length	14-15mm	



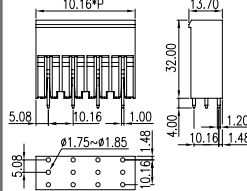
Number of Positions  
EC116VM-XXP 02-08P

Accessories  
ECHK2 P49

### 10.16mm

### ECH116V-XXP

Technical Data	UL	IEC
Rated voltage	300V / 600V	1000V
Rated current	51A / 5A	76A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		8KV
Torque (N-m)		
Screw		
Wire strip length		

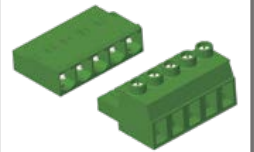
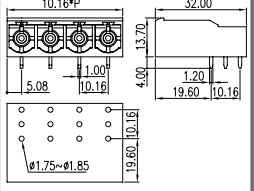


Number of Positions  
ECH116V-XXP 02-10P

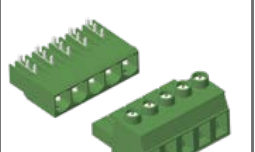
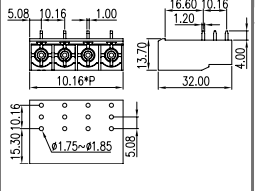
Accessories  
ECH116R-XXP 02-10P  
ECH116L-XXP 02-10P

Accessories  
ECHK2 P38

### ECH116R-XXP



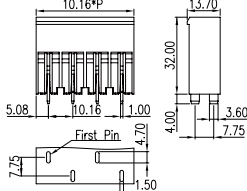
### ECH116L-XXP



### 10.16mm

### ECH116VH-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		8KV
Torque (N-m)		
Screw		
Wire strip length		

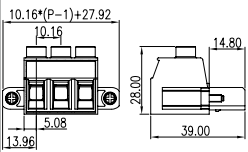


Number of Positions  
ECH116VH-XXP 02-10P

### 10.16mm

### ECH116RM-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm <sup>2</sup> )	16-6	0.5-16
Flexible (AWG/mm <sup>2</sup> )	16-6	0.5-16
Rated impulse voltage		8KV
Torque (N-m)		
Screw	M4	
Wire strip length	14-15mm	

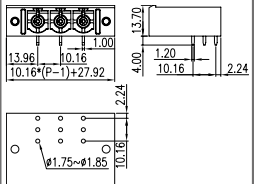


Number of Positions  
ECH116RM-XXP 02-08P

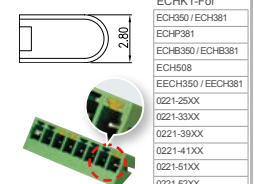
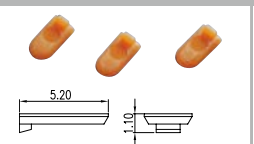
Accessories  
ECHK2 P49

### ECH116RM-XXP

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	51A	76A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		8KV
Torque (N-m)		
Screw		
Wire strip length		

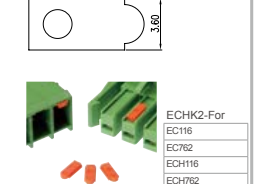
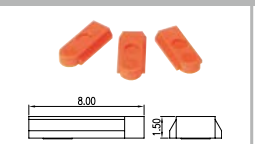


### ECHK1



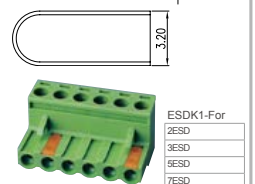
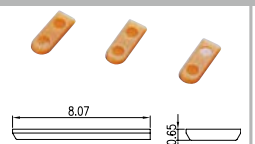
- ECHK1-For
- ECH350 / ECH381
- ECHP381
- ECHB350 / ECHB381
- ECH508
- EECH350 / EECH381
- 0221-25XX
- 0221-33XX
- 0221-39XX
- 0221-41XX
- 0221-51XX
- 0221-52XX

### ECHK2



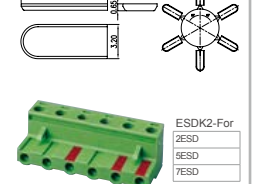
- ECHK2-For
- EC116
- EC782
- ECH116
- ECH782

### ESDK1



- ESDK1-For
- EC116
- 2ESD
- 3ESD
- 5ESD
- 7ESD

### ESDK2



- ESDK2-For
  - 2ESD
  - 3ESD
  - 5ESD
  - 7ESD
- \* 6pcs of ESDK1

### 10.16mm

### ECHK1L



- ECHK1L-For
- ECH350 / ECH381
- 0221-25XX
- 0221-33XX
- 0221-39XX
- 0221-41XX
- 0221-51XX
- 0221-52XX

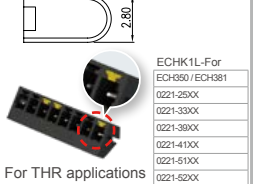
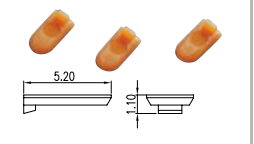
For THR applications

### ECHK1L



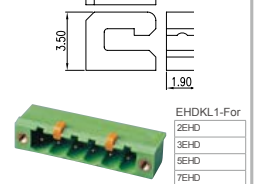
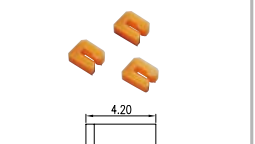
- ECHK1L-For
- ECH350 / ECH381
- 0221-25XX
- 0221-33XX
- 0221-39XX
- 0221-41XX
- 0221-51XX
- 0221-52XX

### ECHK1L



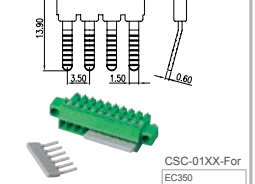
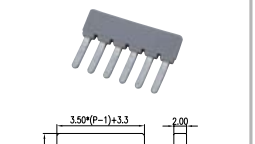
- ECHK1L-For
- ECH350 / ECH381
- 0221-25XX
- 0221-33XX
- 0221-39XX
- 0221-41XX
- 0221-51XX
- 0221-52XX

### EHDK1



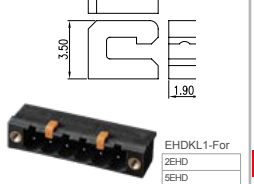
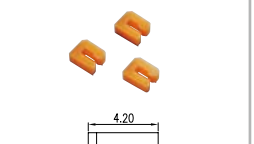
- EHDK1-For
- 2EHD
- 3EHD
- 5EHD
- 7EHD

### CSC-01XX



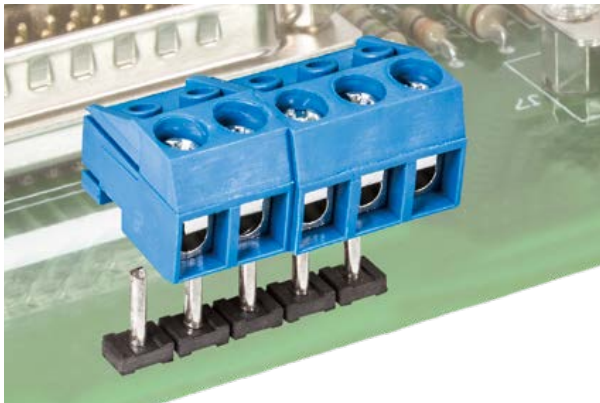
- CSC-01XX-For
- EC350

### EHDK1L



- EHDK1L-For
- 2EHD
- 5EHD

## Screw Connection Pluggable Terminal Blocks – pin strip design



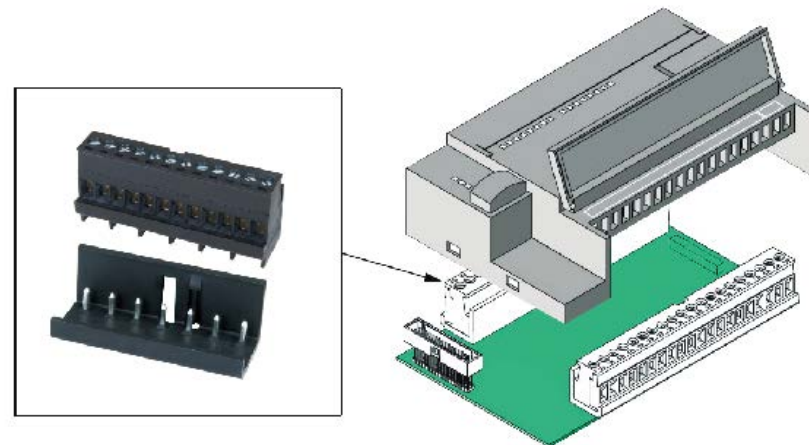
- Reliable contact structure with high current capacity.
- The plug “ED130R-XXP” is designed with a snap-in locking feet making installation on a mounting plate quick and easy.
- For the pin strips part number which contains “TH” meaning the plastic is in high temperature material and is suitable for reflow process.
- Various length of pin strip is available by request.

5.00mm		ED130F-XXP	EDH130F-XX/12.6	EDH130F-XXTH126
Technical Data	UL	IEC		
Rated voltage	300V	250V		
Rated current	7A	12A		
Solid (AWG/mm <sup>2</sup> )	22-14	0.5-1.5		
Flexible (AWG/mm <sup>2</sup> )	22-14	0.5-1.5		
Rated impulse voltage		4KV		
Torque (N-m)		0.3		
Screw	M2.5			
Wire strip length		5-6mm		
Number of Positions				
ED130F-XXP		02 - 03P		
EDH130F-XX/12.6		02-20P		
EDH130F-XXTH126		02-20P		

5.00mm		ED130R-XXP	EDH130-21XX	EDH130-21XXTHT
Technical Data	UL	IEC		
Rated voltage	300V	320V		
Rated current	12A	10A		
Solid (AWG/mm <sup>2</sup> )	22-14	0.5-1.5		
Flexible (AWG/mm <sup>2</sup> )	22-14	0.5-1.5		
Rated impulse voltage		4KV		
Torque (N-m)		0.3		
Screw	M2.5			
Wire strip length		5-6mm		
Number of Positions				
ED130R-XXP		02-20P		
EDH130-21XX		02-20P		
EDH130-21XXTHT		02-20P		

## Screw Connection Pluggable Terminal Blocks – pin strip design



- Interlocking design contributes better mating and connection quality, particularly conducive to anti-vibration.
- Unique rotational mating design offers different option of mating orientation from the market.
- The combination of plug and header is applicable to mount together through soldering process.

4.00mm		0162-01XX	0162-11XX	0162-A1XX
Technical Data	UL	IEC		
Rated voltage	300V	320V		
Rated current	10A	17.5A		
Solid (AWG/mm <sup>2</sup> )	24-14	0.2-2.5		
Flexible (AWG/mm <sup>2</sup> )	24-14	0.2-2.5		
Rated impulse voltage		4KV		
Torque (N-m)				
Screw	M2.5			
Wire strip length		6-7mm		
Number of Positions				
0162-01XX		02-24P		
0162-11XX		02-24P		
0162-A1XX		02-24P		

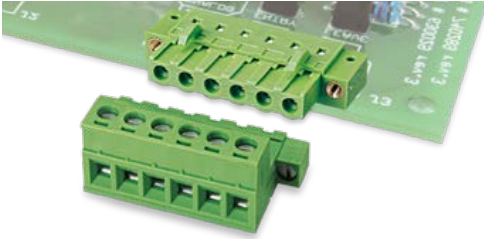
• Socket: 0162-11XX

5.08mm		0164-01XX 0164-01XX(T)	0164-11XX	0164-A1XX 0164-A1XX(T)
Technical Data	UL	IEC		
Rated voltage	300V	320V		
Rated current	10A	17.5A		
Solid (AWG/mm <sup>2</sup> )	26-12	0.2-2.5		
Flexible (AWG/mm <sup>2</sup> )	26-12	0.2-2.5		
Rated impulse voltage		4KV		
Torque (N-m)				
Screw	M2.5			
Wire strip length		6-7mm		
Number of Positions				
0164-01XX		02-24P		
0164-01XX(T)		02-24P		
0164-11XX		02-24P		
0164-A1XX		02-24P		
0164-A1XX(T)		02-24P		

• Socket: 0164-11XX

# Screw connection Inverted Pluggable Terminal Blocks




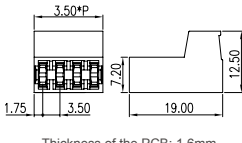
Connection method: screw connection with elevated wire cage


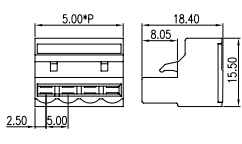
Pitch: 3.50mm / 3.58mm / 3.81mm / 5.00mm / 5.08mm / 7.62mm


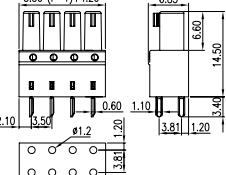

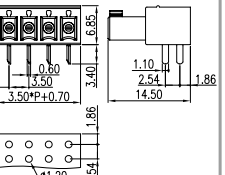


UL Rated: 150V / 12A~300V / 16A

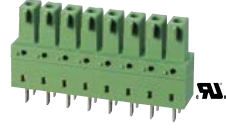
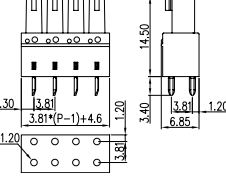

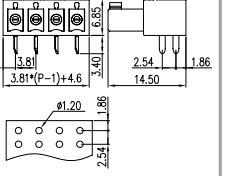


IEC Rated: 250V / 12A ~ 400V / 12A


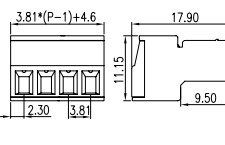

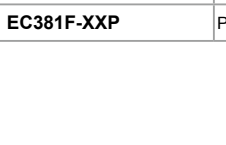
- CPC350 and 5ESDG are card edge design and can connect directly on a 1.6mm thick PCB.
- There are vertical and horizontal versions of inverted plugs and headers.
- Inverted header is suitable for wave soldering application.


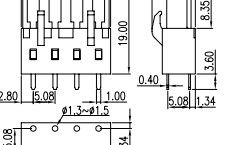

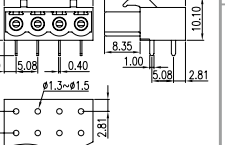


3.50mm			CPC350-XXP	
Technical Data	UL	IEC	  Thickness of the PCB: 1.6mm	
Rated voltage	150V	320V		
Rated current	12A	14A		
Solid (AWG/mm <sup>2</sup> )	28-14	0.2-1.5		
Flexible (AWG/mm <sup>2</sup> )	28-14	0.2-1.5		
Rated impulse voltage		2.5KV		
Torque (N-m)		0.2		
Screw	M2			
Wire strip length	7-8mm			
Number of Positions				
CPC350-XXP	02-24P			


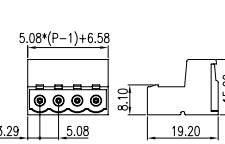

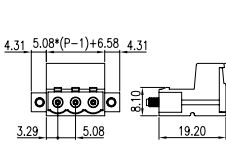
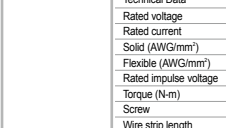
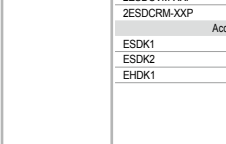
5.00mm			5ESDG-XXP	
Technical Data	UL	IEC	 	
Rated voltage	300V	400V		
Rated current	16A	12A		
Solid (AWG/mm <sup>2</sup> )	28-12	0.32-2.5		
Flexible (AWG/mm <sup>2</sup> )	28-12	0.32-2.5		
Rated impulse voltage		2.5KV		
Torque (N-m)		0.5		
Screw	M2.5			
Wire strip length	7-8mm			
Number of Positions				
5ESDG-XXP	02-14P			


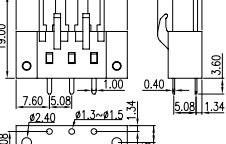

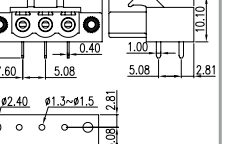
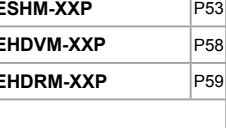

3.50mm			EC350CV-XXP		EC350CR-XXP		ECH350V-XXP		P34	
Technical Data	UL	IEC	 		 		 		P34	
Rated voltage	300V	320V								
Rated current	8A	8A								
Solid (AWG/mm <sup>2</sup> )										
Flexible (AWG/mm <sup>2</sup> )										
Rated impulse voltage		2.5KV								
Torque (N-m)										
Screw										
Wire strip length										
Number of Positions										
EC350CV-XXP	02-16P									
EC350CR-XXP	02-16P									

3.81mm			EC381CV-XXP		EC381CR-XXP		ECSH381V-XXP		P52	
Technical Data	UL	IEC	 		 		 		P52	
Rated voltage	300V	300V								
Rated current	8A	8A								
Solid (AWG/mm <sup>2</sup> )										
Flexible (AWG/mm <sup>2</sup> )										
Rated impulse voltage		2.5KV								
Torque (N-m)										
Screw										
Wire strip length	7-8mm									
Number of Positions										
EC381CV-XXP	02-16P									
EC381CR-XXP	02-16P									

3.81mm			ECSH381V-XXP		EC381CV-XXP		P53	
Technical Data	UL	IEC	 		 		P53	
Rated voltage	300V	320V						
Rated current	8A	8A						
Solid (AWG/mm <sup>2</sup> )	30-14	0.2-1.5						
Flexible (AWG/mm <sup>2</sup> )	30-14	0.2-1.5						
Rated impulse voltage		2.5KV						
Torque (N-m)		0.2						
Screw	M2							
Wire strip length	7mm							
Number of Positions								
ECSH381V-XXP	02-24P							


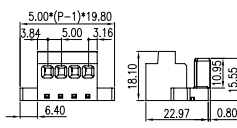
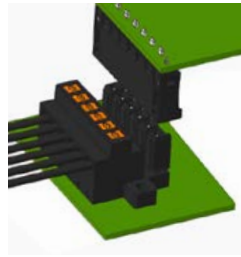
5.08mm			2ESDCV-XXP		2ESDCR-XXP		2ESH-XXP		P53	
Technical Data	UL	IEC	 		 		 		P53	
Rated voltage	300V	250V								
Rated current	12A	12A								
Solid (AWG/mm <sup>2</sup> )										
Flexible (AWG/mm <sup>2</sup> )										
Rated impulse voltage		4KV								
Torque (N-m)										
Screw										
Wire strip length										
Number of Positions										
2ESDCV-XXP	02-24P									
2ESDCR-XXP	02-24P									

5.08mm			2ESH-XXP		2ESHM-XXP		2ESHK1		P49	
Technical Data	UL	IEC	 		 		 		P49	
Rated voltage	300V	250V								
Rated current	12A	12A								
Solid (AWG/mm <sup>2</sup> )	24-12	0.5-2.5								
Flexible (AWG/mm <sup>2</sup> )	24-12	0.5-2.5								
Rated impulse voltage		2.5KV								
Torque (N-m)		0.6								
Screw	M2.5									
Wire strip length	7-8mm									
Number of Positions										
2ESH-XXP	02-12P									
2ESHM-XXP	02-12P									

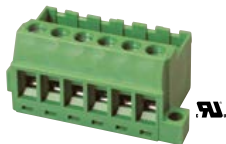
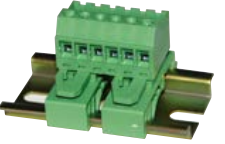
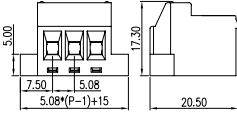
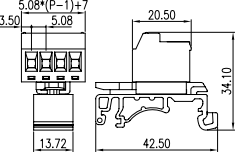
5.08mm			2ESDCVM-XXP		2ESDCRM-XXP		2ESHM-XXP		P53	
Technical Data	UL	IEC	 		 		 		P53	
Rated voltage	300V	250V								
Rated current	12A	12A								
Solid (AWG/mm <sup>2</sup> )										
Flexible (AWG/mm <sup>2</sup> )										
Rated impulse voltage		4KV								
Torque (N-m)										
Screw										
Wire strip length										
Number of Positions										
2ESDCVM-XXP	02-20P									
2ESDCRM-XXP	02-20P									



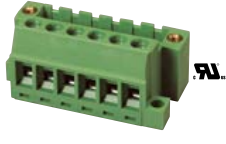
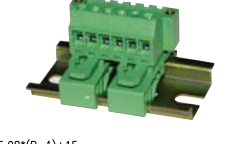
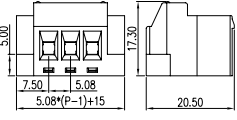
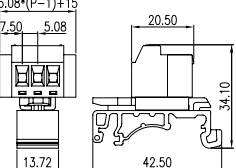
5.00mm			5ESN-XXP	
Technical Data	UL	IEC		
Rated voltage	300V	630V	<b>0227-36XX</b>	P17
Rated current	15A	15A	<b>0227-37XX</b>	P17
Solid (AWG/mm <sup>2</sup> )	28-14	0.08-1.5		
Flexible (AWG/mm <sup>2</sup> )	28-14	0.08-1.5		
Rated impulse voltage		4KV		
Torque (N-m)				
Screw				
Wire strip length	11-12mm			
Number of Positions				
5ESN-XXP	02-24P			



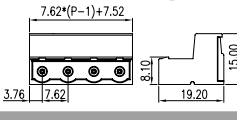
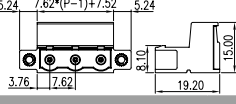
5.08mm			2EHDRS-XXP		2EHDRD-XXP	
Technical Data	UL	IEC			<b>2ESV-XXP</b>	P20
Rated voltage	300V	250V			<b>2ESR-XXP</b>	P20
Rated current	12A	12A			<b>2ESDV-XXP</b>	P39
Solid (AWG/mm <sup>2</sup> )	24-12	0.5-2.5			<b>2ESDF-XXP</b>	P39
Flexible (AWG/mm <sup>2</sup> )	24-12	0.5-2.5			<b>2ESDP-XXP</b>	P39
Rated impulse voltage		4KV				
Torque (N-m)	0.6					
Screw	M2.5					
Wire strip length	7-8mm					
Number of Positions						
2EHDRS-XXP	02-20P					
2EHDRD-XXP	02-20P					

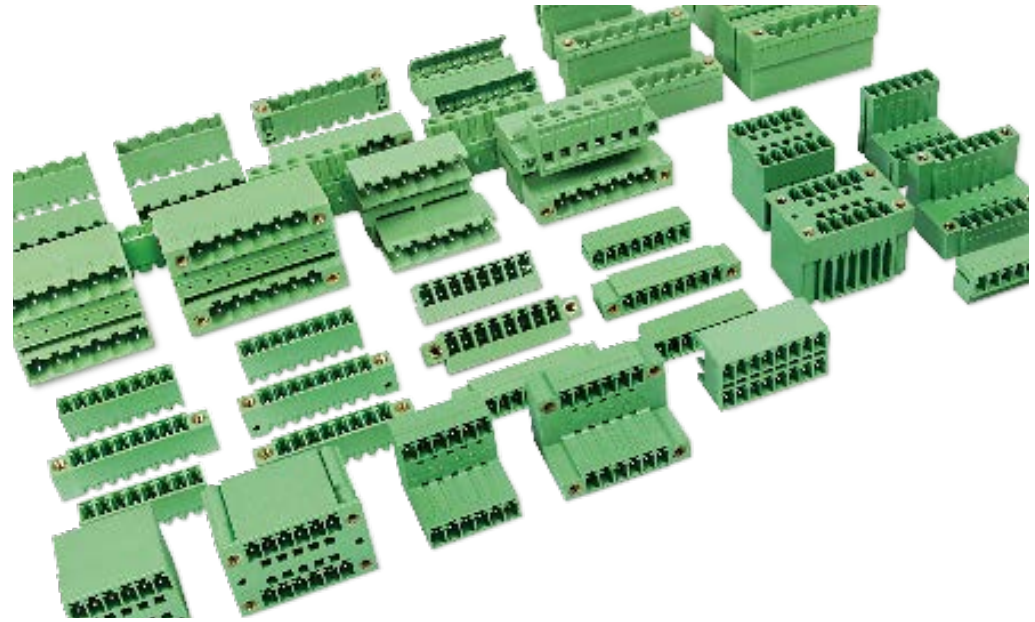
5.08mm			2EHDRSM-XXP		2EHDRDM-XXP	
Technical Data	UL	IEC			<b>2ESVM-XXP</b>	P20
Rated voltage	300V	250V			<b>2ESRM-XXP</b>	P20
Rated current	12A	12A			<b>2ESDVM-XXP</b>	P39
Solid (AWG/mm <sup>2</sup> )	24-12	0.5-2.5			<b>2ESDFM-XXP</b>	P39
Flexible (AWG/mm <sup>2</sup> )	24-12	0.5-2.5			<b>2ESDPM-XXP</b>	P39
Rated impulse voltage		4KV				
Torque (N-m)	0.6					
Screw	M2.5					
Wire strip length	7-8mm					
Number of Positions						
2EHDRSM-XXP	02-20P					
2EHDRDM-XXP	02-20P					

7.62mm			3ESH-XXP		3ESDH-XXP	
Technical Data	UL	IEC			<b>3ESDV-XXP</b>	P34
Rated voltage	300V	600V			<b>3ESDVM-XXP</b>	P34
Rated current	15A	12A			<b>3ESDP-XXP</b>	P34
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5			<b>3ESDPM-XXP</b>	P34
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5				
Rated impulse voltage		6KV				
Torque (N-m)	0.4-0.5					
Screw	M2.5					
Wire strip length	7-8mm					
Number of Positions						
3ESH-XXP	02-12P					
3ESDH-XXP	02-12P					



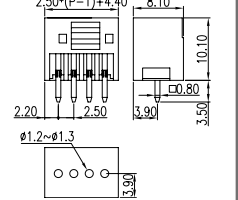
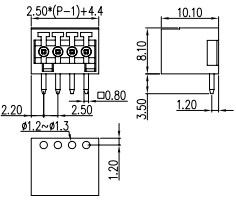
## Headers (Sockets) For Pluggable Terminal Blocks



**Pitch: 2.50mm / 3.50mm / 3.81mm / 5.00mm / 5.08mm / 7.50mm / 7.62mm**  
**UL Rated: 150V / 4A, 300V / 8A, 300V / 15A, 300V / 30A, 600V / 30A**  
**IEC Rated: 320V / 4A ~ 1000V / 41A**

- Single and double level socket for pluggable PCB terminal blocks
- Horizontal, vertical and 45 degrees plug-in direction.
- With screw flange and lock flange versions.

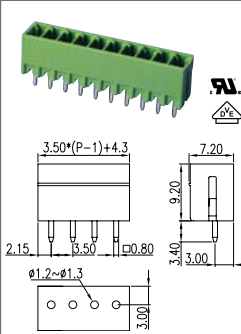
2.50mm			ECH250V-XXP		ECH250R-XXP	
Technical Data	UL	IEC				
Rated voltage	150V	320V				
Rated current	4A	4A				
Solid (AWG/mm <sup>2</sup> )						
Flexible (AWG/mm <sup>2</sup> )						
Rated impulse voltage		2.5KV				
Torque (N-m)						
Screw						
Wire strip length						
Number of Positions						
ECH250V-XXP	02-24P					
ECH250R-XXP	02-24P					

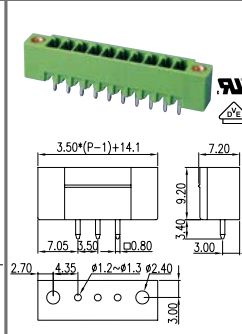
### 3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		2.5KV
Torque (N·m)		
Screw		
Wire strip length		
Number of Positions		
ECH350V-XXP		02-24P
ECH350VM-XXP		02-24P
ECH350R-XXP		02-24P
ECH350RM-XXP		02-24P
ECH350H-XXP		02-16P
ECH350RR-XXP		02-24P
ECH350RRM-XXP		02-24P
Accessories		
ECHK1	P49	

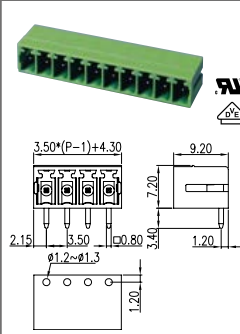
### ECH350V-XXP



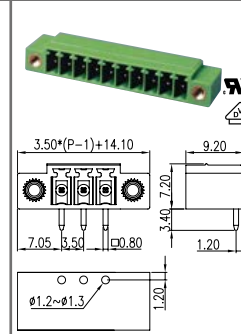
### ECH350VM-XXP



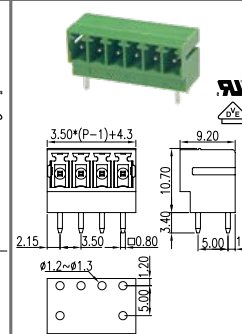
### ECH350R-XXP



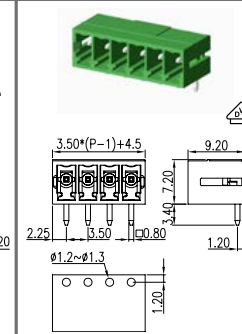
### ECH350RM-XXP



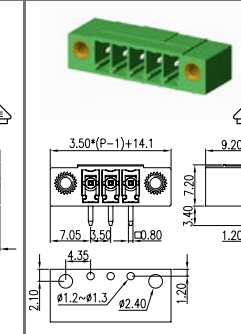
### ECH350H-XXP



### ECH350RR-XXP



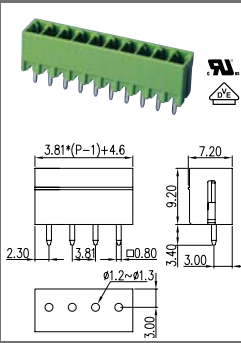
### ECH350RRM-XXP



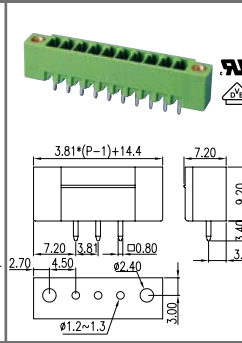
### 3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		2.5KV
Torque (N·m)		
Screw		
Wire strip length		
Number of Positions		
ECH381V-XXP		02-24P
ECH381VM-XXP		02-24P
ECH381R-XXP		02-24P
ECH381RM-XXP		02-24P
ECH381H-XXP		02-16P
ECH381RR-XXP		02-20P
ECH381RRM-XXP		02-20P
ECH381A-XXP		02-24P
ECH381AM-XXP		02-22P
ECHP381V-XXP		02-24P
ECH381RG-XXP		02-10P
Accessories		
ECHK1	P49	

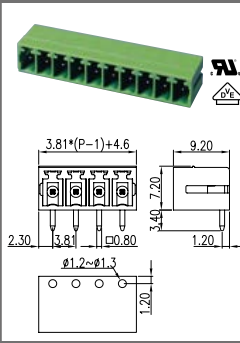
### ECH381V-XXP



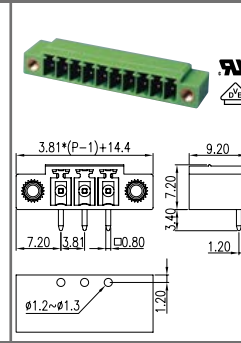
### ECH381VM-XXP



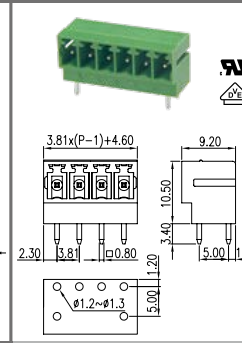
### ECH381R-XXP



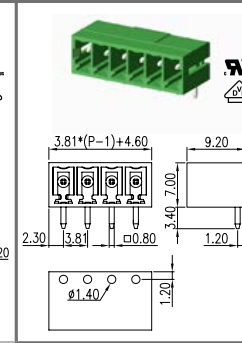
### ECH381RM-XXP



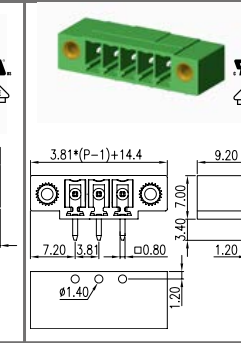
### ECH381H-XXP



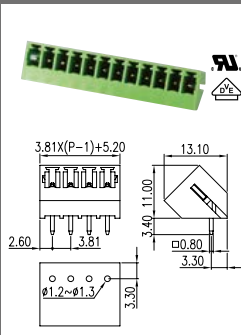
### ECH381RR-XXP



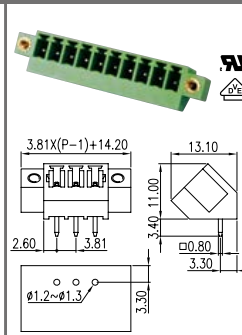
### ECH381RRM-XXP



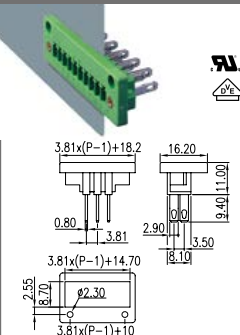
### ECH381A-XXP



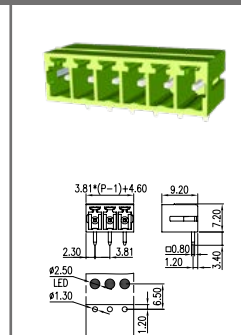
### ECH381AM-XXP



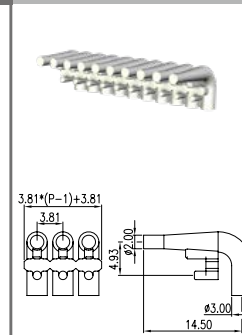
### ECHP381V-XXP



### ECH381RG-XXP



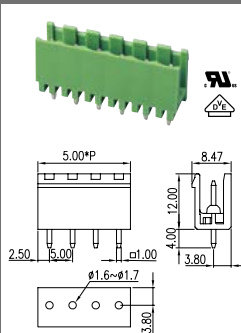
### ECHG1



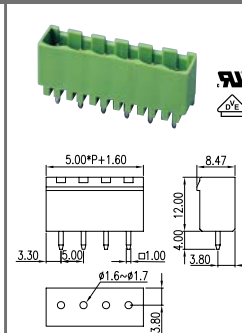
### 5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		4KV
Torque (N·m)		
Screw		
Wire strip length		
Number of Positions		
SEHDV-XXP		02-24P
SEHDVC-XXP		02-24P
SEHDVM-XXP		02-24P
SEHDR-XXP		02-24P
SEHDRC-XXP		02-24P
SEHDRM-XXP		02-24P
Accessories		
SEHDV-XXP	EHDK1	P49
SEHDVC-XXP	EHDK1	P49
SEHDVM-XXP	EHDK1	P49

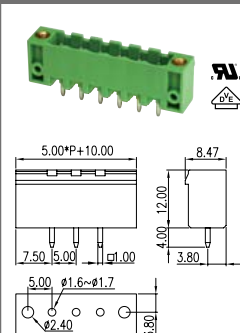
### 5EHDV-XXP



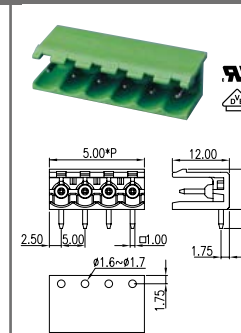
### 5EHDVC-XXP



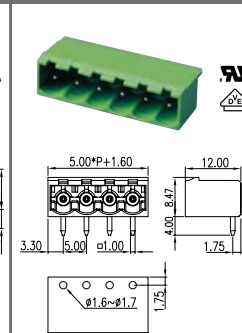
### 5EHDVM-XXP



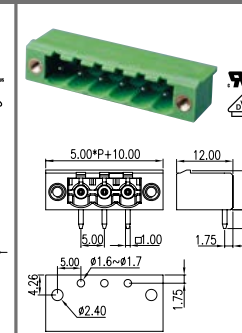
### 5EHDR-XXP



### 5EHDRC-XXP



### 5EHDRM-XXP





5.00mm			5EHDRR-XXP	5EHDRRC-XXP	5EHDK-XXP/T	5EHDKM-XXP/T	5EHDKPM-XXP
Technical Data	UL	IEC					
Rated voltage	300V	600V					
Rated current	15A	18A					
Solid (AWG/mm <sup>2</sup> )							
Flexible (AWG/mm <sup>2</sup> )							
Rated impulse voltage		4KV					
Torque (N-m)							
Screw							
Wire strip length							
Number of Positions							
5EHDRR-XXP	02-13P						
5EHDRRC-XXP	02-13P						
5EHDK-XXP/T	02-12P/T (11.0-12-14-16)						
5EHDKM-XXP/T	02-12P/T (11.0-12-14-16)						
5EHDKPM-XXP	02-12P						
Accessories							
5EHDK-XXP	EHDK1	P49					
5EHDKM-XXP	EHDK1	P49					
5EHDKPM-XXP	EHDK1	P49					
5EHDK-XXP/T & 5EHDKM-XXP/T The suffix "T" represents the panel thickness in 1.0, 1.2, 1.4, 1.6mm							

5.08mm			ECH508V-XXP	ECH508VM-XXP	ECH508R-XXP	ECH508RM-XXP
Technical Data	UL	IEC				
Rated voltage	300V	600V				
Rated current	12A	14A				
Solid (AWG/mm <sup>2</sup> )						
Flexible (AWG/mm <sup>2</sup> )						
Rated impulse voltage		4KV				
Torque (N-m)						
Screw						
Wire strip length						
Number of Positions						
ECH508V-XXP	02-24P					
ECH508VM-XXP	02-24P					
ECH508R-XXP	02-24P					
ECH508RM-XXP	02-24P					

5.08mm			2EHDV-XXP	2EHDVC-XXP	2EHDVM-XXP	2EHDR-XXP	2EHDRC-XXP	2EHDRM-XXP
Technical Data	UL	IEC						
Rated voltage	300V	600V						
Rated current	15A	18A						
Solid (AWG/mm <sup>2</sup> )								
Flexible (AWG/mm <sup>2</sup> )								
Rated impulse voltage		4KV						
Torque (N-m)								
Screw								
Wire strip length								
Number of Positions								
2EHDV-XXP	02-24P							
2EHDVC-XXP	02-24P							
2EHDVM-XXP	02-24P							
2EHDR-XXP	02-24P							
2EHDRC-XXP	02-24P							
2EHDRM-XXP	02-24P							
Accessories								
EHDK1		P49						

5.08mm			2EHDV-XXP	2EHDVC-XXP	2EHDVM-XXP	2EHDR-XXP	2EHDRC-XXP	2EHDRM-XXP
Technical Data	UL	IEC						
Rated voltage	300V	600V						
Rated current	15A	18A						
Solid (AWG/mm <sup>2</sup> )								
Flexible (AWG/mm <sup>2</sup> )								
Rated impulse voltage		4KV						
Torque (N-m)								
Screw								
Wire strip length								
Number of Positions								
2EHDV-XXP	02-24P							
2EHDVC-XXP	02-24P							
2EHDVM-XXP	02-24P							
2EHDR-XXP	02-24P							
2EHDRC-XXP	02-24P							
2EHDRM-XXP	02-24P							
Accessories								
EHDK1		P49						

7.50mm

7EHDV-XXP

7EHDVC-XXP

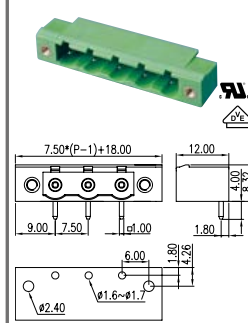
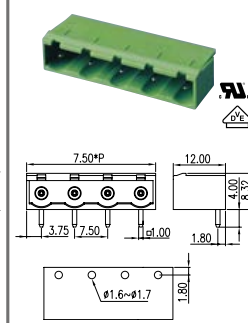
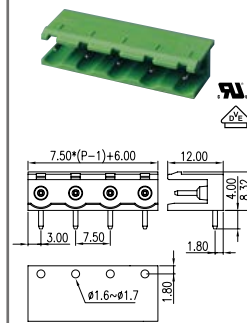
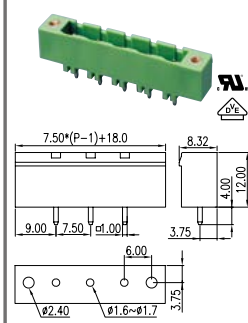
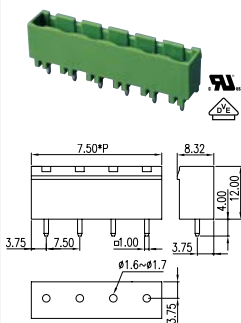
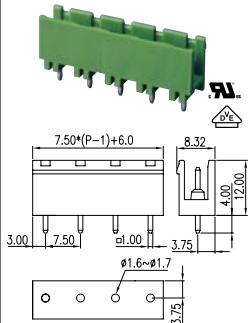
7EHDVM-XXP

7EHDR-XXP

7EHDRC-XXP

7EHDRM-XXP

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		6KV
Torque (N-m)		
Screw		
Wire strip length		
Number of Positions		
7EHDV-XXP	02-12P	
7EHDVC-XXP	02-12P	
7EHDVM-XXP	02-12P	
7EHDR-XXP	02-12P	
7EHDRC-XXP	02-12P	
7EHDRM-XXP	02-12P	
Accessories		
EHDK1	P49	



7.62mm

3EHDV-XXP

3EHDVC-XXP

3EHDVM-XXP

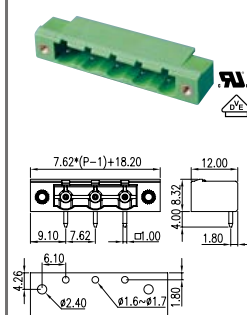
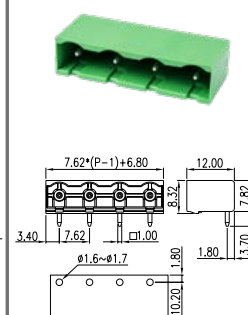
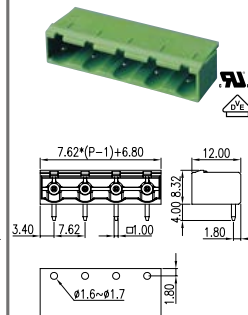
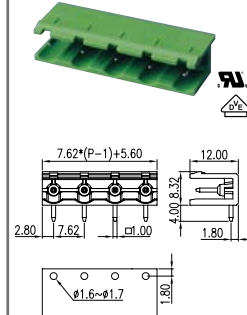
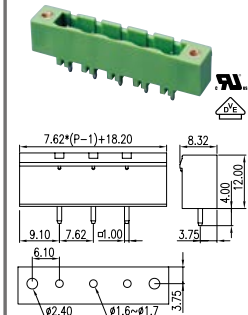
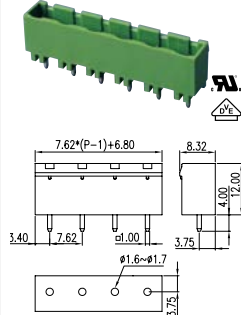
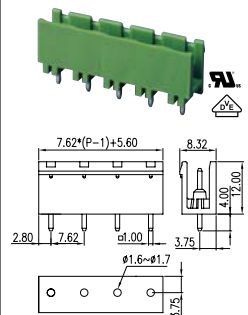
3EHDR-XXP

3EHDRC-XXP

3EHDRRC-XXP

3EHDRM-XXP

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		6KV
Torque (N-m)		
Screw		
Wire strip length		
Number of Positions		
3EHDV-XXP	02-14P	
3EHDVC-XXP	02-14P	
3EHDVM-XXP	02-14P	
3EHDR-XXP	02-14P	
3EHDRC-XXP	02-14P	
3EHDRRC-XXP	02-14P	
3EHDRM-XXP	02-14P	
Accessories		
EHDK1	P49	



7.62mm

ECH762V-XXP

ECH762VM-XXP

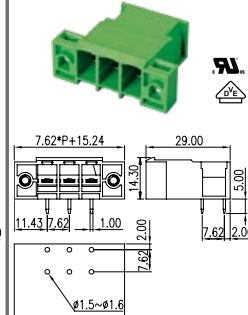
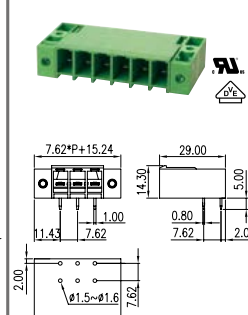
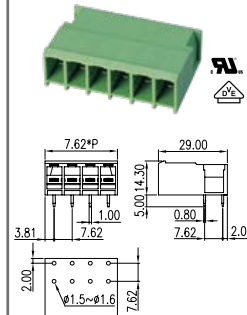
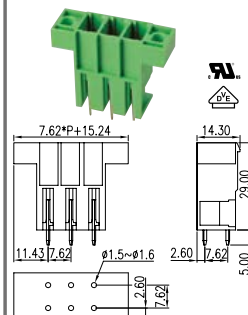
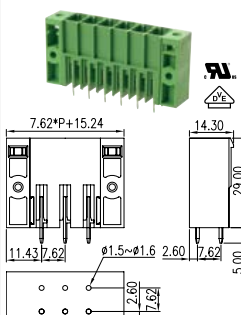
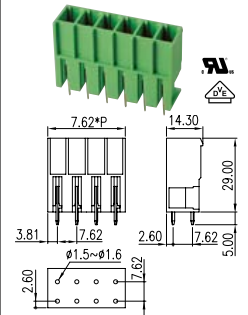
ECH762VTM-XXP

ECH762R-XXP

ECH762RM-XXP

ECH762RTM-XXP

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	30A	41A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		8KV
Torque (N-m)		
Screw		
Wire strip length		
Number of Positions		
ECH762V-XXP	02-12P	
ECH762VM-XXP	02-12P	
ECH762VTM-XXP	02-12P	
ECH762R-XXP	02-12P	
ECH762RM-XXP	02-12P	
ECH762RTM-XXP	02-12P	
Accessories		
ECHK2	P49	



7.62mm

ECH762RR-XXP

ECH762RRM-XXP

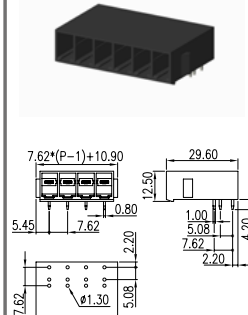
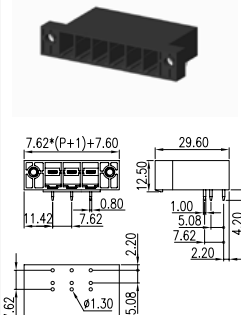
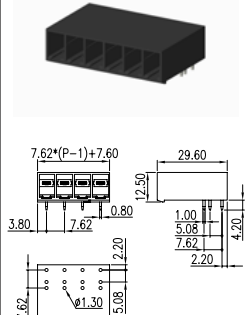
ECH762RRT-XXP

7.62mm

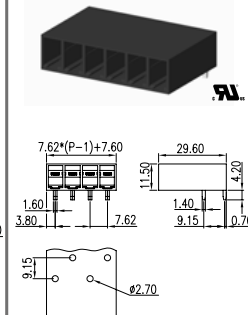
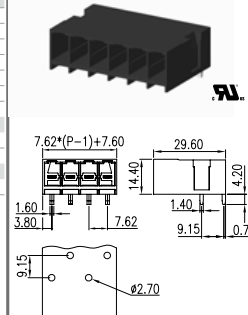
ECH762HR-XXP

ECH762HRR-XXP

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	30A	41A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		6KV
Torque (N-m)		
Screw		
Number of Positions		
ECH762RR-XXP	02-12P	
ECH762RRM-XXP	02-12P	
ECH762RRT-XXP	02-12P	
Accessories		
ECHK2	P49	



Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	40A	41A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		8KV
Torque (N-m)		
Screw		
Number of Positions		
ECH762HR-XXP	02-12P	
ECH762HRR-XXP	02-12P	
Accessories		
ECHK2	P49	

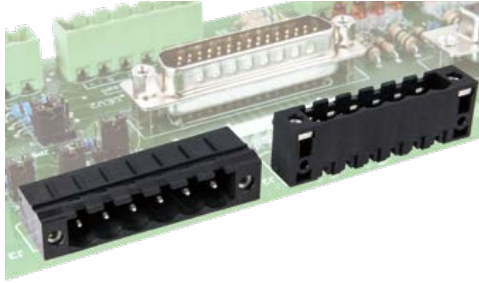


2.50mm			ECHB250V-XXP			ECHB250R-XXP			3.50mm			ECHB350V-XXP			ECHB350VM-XXP			ECHB350R-XXP			ECHB350RM-XXP		
Technical Data Rated voltage 150V 320V Rated current 4A 4A Solid (AWG/mm <sup>2</sup> ) Flexible (AWG/mm <sup>2</sup> ) Rated impulse voltage 2.5KV Torque (N-m) Screw Wire strip length Number of Positions ECHB250V-XXP 04-48P ECHB250R-XXP 04-48P									Technical Data Rated voltage 300V 320V Rated current 8A 14A Solid (AWG/mm <sup>2</sup> ) Flexible (AWG/mm <sup>2</sup> ) Rated impulse voltage 2.5KV Torque (N-m) Screw Wire strip length Number of Positions ECHB350V-XXP 04-44P ECHB350VM-XXP 04-32P ECHB350R-XXP 04-44P ECHB350RM-XXP 04-32P Accessories ECHK1 P49														
Dimensions: $2.50 \times (P/2-1) + 4.4$ 21.90 17.70 2.00 2.50 4.20 13.80 3.50 $\phi 1.3 \sim \phi 1.4$			Dimensions: $2.50 \times (P/2-1) + 4.4$ 17.70 21.90 2.20 2.50 9.00 7.50 3.50 $\phi 1.3 \sim \phi 1.4$			Dimensions: $3.50 \times (P/2-1) + 4.90$ 22.70 21.90 2.45 3.50 2.90 15.24 $\phi 1.2 \sim \phi 1.3$			Dimensions: $3.50 \times (P/2-1) + 13.90$ 22.70 21.90 6.93 3.50 2.90 15.24 3.40 $\phi 1.2 \sim \phi 1.3$			Dimensions: $3.50 \times (P/2-1) + 4.90$ 21.90 22.70 2.45 3.50 8.00 12.70 3.50 $\phi 1.2 \sim \phi 1.3$			Dimensions: $3.50 \times (P/2-1) + 13.9$ 21.90 22.70 6.93 3.50 4.35 8.00 12.70 3.50 $\phi 1.2 \sim \phi 1.3$								
3.81mm			ECHB381V-XXP			ECHB381VM-XXP			ECHB381R-XXP			ECHB381RM-XXP			3.81mm			ECHB381RRD-XXP			ECHB381RRM-XXP		
Technical Data Rated voltage 300V 320V Rated current 8A 14A Solid (AWG/mm <sup>2</sup> ) Flexible (AWG/mm <sup>2</sup> ) Rated impulse voltage 2.5KV Torque (N-m) Screw Wire strip length Number of Positions ECHB381V-XXP 04-36P ECHB381VM-XXP 04-32P ECHB381R-XXP 04-36P ECHB381RM-XXP 04-32P Accessories ECHK1 P49															Technical Data Rated voltage 300V 320V Rated current 8A 14A Solid (AWG/mm <sup>2</sup> ) Flexible (AWG/mm <sup>2</sup> ) Rated impulse voltage 2.5KV Torque (N-m) Screw Wire strip length Number of Positions ECHB381RRD-XXP 04-48P ECHB381RRM-XXP 04-48P Accessories ECHK1 P49								
Dimensions: $3.81 \times (P/2-1) + 5.2$ 22.70 21.90 2.60 3.81 2.90 15.24 3.40 $\phi 1.2 \sim \phi 1.3$			Dimensions: $3.81 \times (P/2-1) + 14.2$ 22.70 21.90 7.10 3.81 2.90 15.24 3.40 $\phi 1.2 \sim \phi 1.3$			Dimensions: $3.81 \times (P/2-1) + 5.20$ 21.90 22.70 2.60 3.81 3.50 22.70 8.00 12.70 $\phi 1.2 \sim \phi 1.3$			Dimensions: $3.81 \times (P/2-1) + 14.2$ 21.90 22.70 7.10 3.81 3.50 22.70 8.00 12.70 $\phi 1.2 \sim \phi 1.3$			Dimensions: $3.81 \times (P/2-1) + 14.20$ 21.90 25.00 2.50 3.81 2.90 15.24 3.40 $\phi 1.2 \sim \phi 1.3$			Dimensions: $3.81 \times (P/2-1) + 14.20$ 21.90 25.00 4.50 3.81 2.90 15.24 3.40 $\phi 1.4 \sim \phi 1.6$								
5.00mm			5EHDBV-XXP			5EHDBVM-XXP			5EHDBR-XXP			5EHDBRM-XXP											
Technical Data Rated voltage 300V 600V Rated current 15A 18A Solid (AWG/mm <sup>2</sup> ) Flexible (AWG/mm <sup>2</sup> ) Rated impulse voltage 4KV Torque (N-m) Screw Wire strip length Number of Positions 5EHDBV-XXP 04-40P 5EHDBVM-XXP 04-36P 5EHDBR-XXP 04-40P 5EHDBRM-XXP 04-36P Accessories EHDK1 P49																							
Dimensions: $5.00 \times (P/2-1) + 7.00$ 28.40 22.00 4.00 5.00 3.50 3.80 20.00 3.70 $\phi 1.6 \sim \phi 1.7$			Dimensions: $5.00 \times (P/2-1) + 17.00$ 28.40 22.00 5.00 8.50 20.00 3.80 $\phi 1.6 \sim \phi 1.7$			Dimensions: $5.00 \times (P/2-1) + 7.00$ 22.00 28.40 3.50 5.00 1.00 4.00 2.00 $\phi 1.6 \sim \phi 1.7$			Dimensions: $5.00 \times (P/2-1) + 17.00$ 22.00 28.40 5.00 8.50 10.00 10.00 $\phi 1.6 \sim \phi 1.7$														
5.08mm			2EHDBV-XXP			2EHDBVM-XXP			2EHDBR-XXP			2EHDBRM-XXP											
Technical Data Rated voltage 300V 600V Rated current 15A 18A Solid (AWG/mm <sup>2</sup> ) Flexible (AWG/mm <sup>2</sup> ) Rated impulse voltage 4KV Torque (N-m) Screw Wire strip length Number of Positions 2EHDBV-XXP 04-48P 2EHDBVM-XXP 04-44P 2EHDBR-XXP 04-48P 2EHDBRM-XXP 04-44P Accessories EHDK1 P49																							
Dimensions: $5.08 \times (P/2-1) + 7.08$ 28.40 22.00 1.00 5.08 3.54 3.80 20.00 3.70 $\phi 1.6 \sim \phi 1.7$			Dimensions: $5.08 \times (P/2-1) + 17.24$ 28.40 22.00 5.08 8.62 20.00 3.80 $\phi 1.6 \sim \phi 1.7$			Dimensions: $5.08 \times (P/2-1) + 7.08$ 22.00 28.40 1.00 5.08 3.54 10.16 $\phi 1.6 \sim \phi 1.7$			Dimensions: $5.08 \times (P/2-1) + 17.24$ 22.00 28.40 5.08 8.62 10.16 1.86 $\phi 1.6 \sim \phi 1.7$														

3.50mm			EECH350V-XXP			EECH350VM-XXP			EECH350R-XXP			EECH350RM-XXP																																																																
<table border="1"> <tr><th colspan="2">Technical Data</th><th>UL</th><th>IEC</th></tr> <tr><td>Rated voltage</td><td>300V</td><td>320V</td><td></td></tr> <tr><td>Rated current</td><td>8A</td><td>14A</td><td></td></tr> <tr><td>Solid (AWG/mm<sup>2</sup>)</td><td></td><td></td><td></td></tr> <tr><td>Flexible (AWG/mm<sup>2</sup>)</td><td></td><td></td><td></td></tr> <tr><td>Rated impulse voltage</td><td></td><td>2.5KV</td><td></td></tr> <tr><td>Torque (N-m)</td><td></td><td></td><td></td></tr> <tr><td>Screw</td><td></td><td></td><td></td></tr> <tr><td>Wire strip length</td><td></td><td></td><td></td></tr> <tr><th colspan="2">Number of Positions</th><td></td><td></td></tr> <tr><td>EECH350V-XXP</td><td>04-32P</td><td></td><td></td></tr> <tr><td>EECH350VM-XXP</td><td>04-40P</td><td></td><td></td></tr> <tr><td>EECH350R-XXP</td><td>04-32P</td><td></td><td></td></tr> <tr><td>EECH350RM-XXP</td><td>04-40P</td><td></td><td></td></tr> <tr><th colspan="2">Accessories</th><td></td><td></td></tr> <tr><td>ECHK1</td><td>P49</td><td></td><td></td></tr> </table>	Technical Data		UL	IEC	Rated voltage	300V	320V		Rated current	8A	14A		Solid (AWG/mm <sup>2</sup> )				Flexible (AWG/mm <sup>2</sup> )				Rated impulse voltage		2.5KV		Torque (N-m)				Screw				Wire strip length				Number of Positions				EECH350V-XXP	04-32P			EECH350VM-XXP	04-40P			EECH350R-XXP	04-32P			EECH350RM-XXP	04-40P			Accessories				ECHK1	P49														
Technical Data		UL	IEC																																																																									
Rated voltage	300V	320V																																																																										
Rated current	8A	14A																																																																										
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EECH350R-XXP	04-32P																																																																											
EECH350RM-XXP	04-40P																																																																											
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3.81mm			EECH381V-XXP			EECH381VM-XXP			EECH381R-XXP			EECH381RM-XXP																																																																
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5.08mm			2EEHDV-XXP			2EEHDVM-XXP			2EEHDR-XXP			2EEHDRM-XXP																																																																
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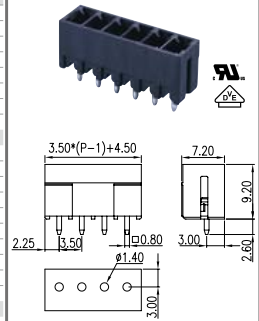
# Sockets – THR application



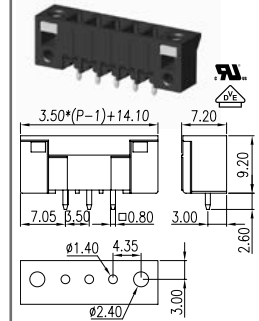
## 3.5mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		2.5kV
Torque (N·m)		
Screw		
Wire strip length		
Number of Positions		
ECH350V-XXPL	02-24P	
ECH350VM-XXPL	02-24P	
ECH350VJ-XXPL	02-24P	
ECH350VT-XXPL	02-24P	
ECH350R-XXPL	02-24P	
ECH350RM-XXPL	02-24P	
ECH350RT-XXPL	02-24P	
ECH350RR-XXPL	02-24P	
ECH350RRM-XXPL	02-24P	
ECH350RJ-XXPL	02-24P	
Accessories		
ECH1L	P49	

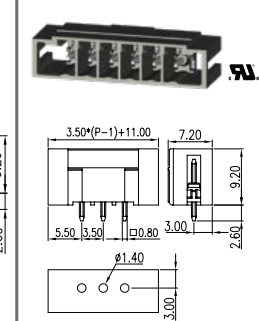
### ECH350V-XXPL



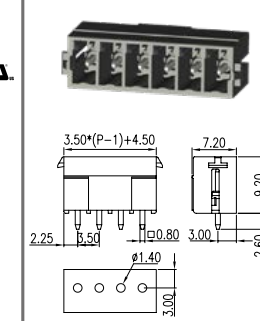
### ECH350VM-XXPL



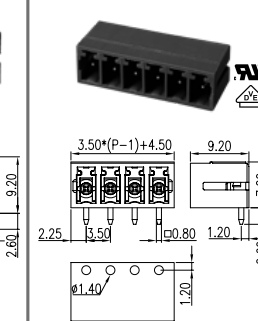
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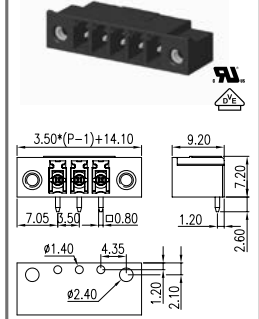
### ECH350VT-XXPL



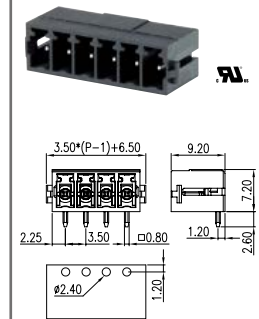
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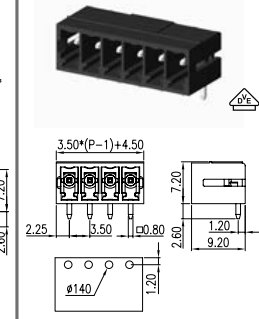
### ECH350RM-XXPL



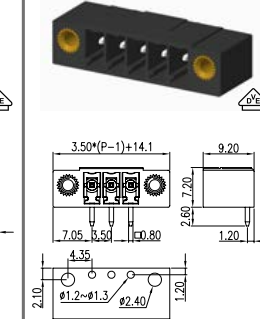
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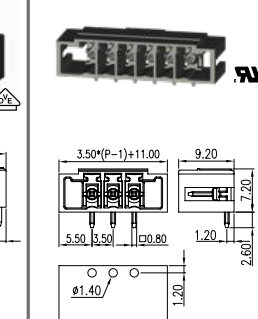
### ECH350RR-XXPL



### ECH350RRM-XXPL



### ECH350RJ-XXPL



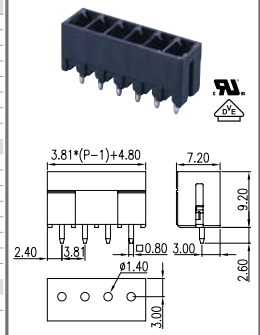
Pitch: 3.50mm / 3.81mm / 5.00mm / 5.08mm  
 UL Rated: 300V / 8A, 300V / 15A  
 IEC Rated: 320V / 14A, 600V / 18A

- PCB single-level socket for THR applications.
- Horizontal and vertical plug-in direction.
- Versions with and without side walls.
- Versions with threaded flange.

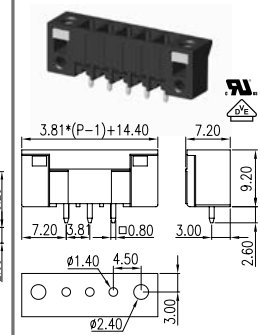
## 3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		2.5kV
Torque (N·m)		
Screw		
Wire strip length		
Number of Positions		
ECH381V-XXPL	02-24P	
ECH381VM-XXPL	02-24P	
ECH381VJ-XXPL	02-24P	
ECH381R-XXPL	02-24P	
ECH381RM-XXPL	02-24P	
ECH381RR-XXPL	02-24P	
ECH381RRM-XXPL	02-24P	
ECH381RJ-XXPL	02-24P	
Accessories		
ECH1L	P49	

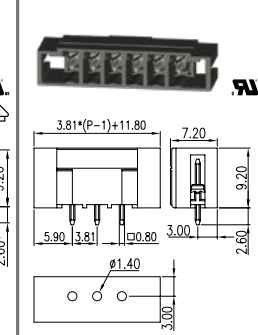
### ECH381V-XXPL



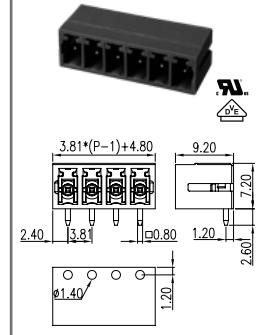
### ECH381VM-XXPL



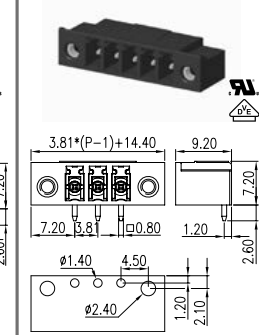
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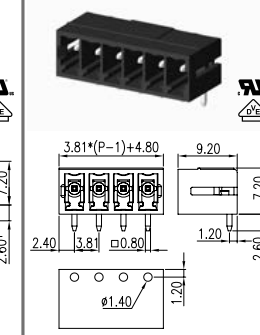
### ECH381R-XXPL



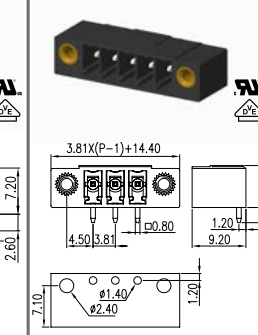
### ECH381RM-XXPL



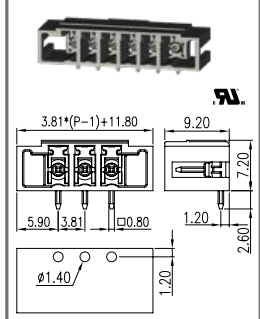
### ECH381RR-XXPL



### ECH381RRM-XXPL



### ECH381RJ-XXPL



Socket - THR application

### 5.00mm

#### 5EHDV-XXPL

#### 5EHDVC-XXPL

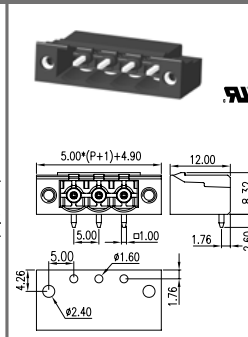
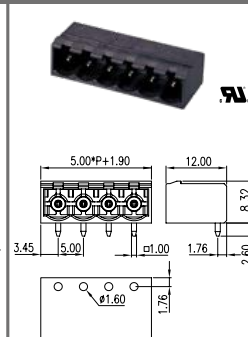
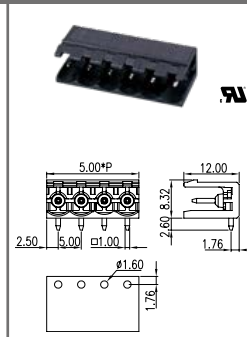
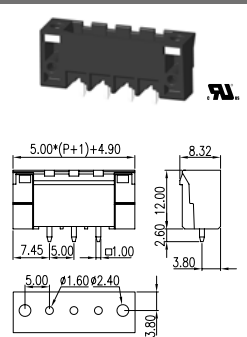
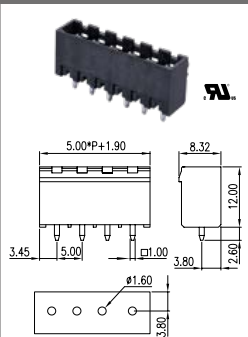
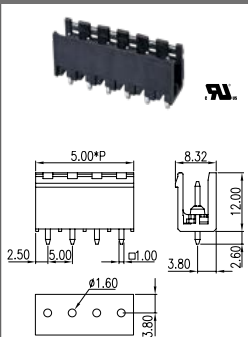
#### 5EHDVM-XXPL

#### 5EHDR-XXPL

#### 5EHDRC-XXPL

#### 5EHDRM-XXPL

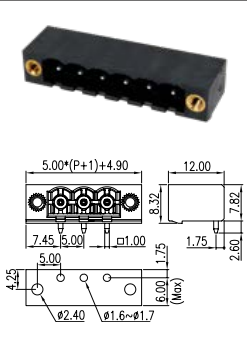
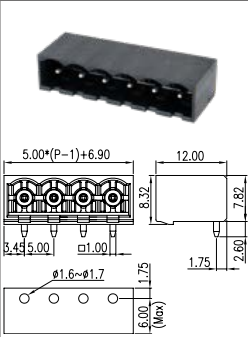
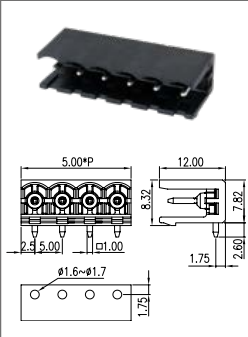
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		4KV
Torque (N·m)		
Screw		
Wire strip length		
Number of Positions		
5EHDV-XXPL	02-24P	
5EHDVC-XXPL	02-24P	
5EHDVM-XXPL	02-24P	
5EHDR-XXPL	02-24P	
5EHDRC-XXPL	02-24P	
5EHDRM-XXPL	02-24P	
5EHDRC-XXPL	02-24P	
5EHDRC-XXPL	02-24P	
5EHDRC-XXPL	02-24P	
Accessories		
EHDK1L	P49	



#### 5EHDV-XXPL

#### 5EHDRC-XXPL

#### 5EHDRC-XXPL



### 5.08mm

#### 2EHDV-XXPL

#### 2EHDVC-XXPL

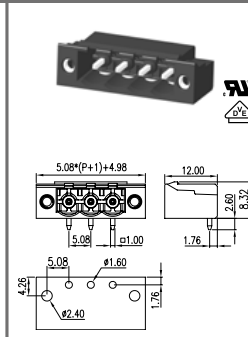
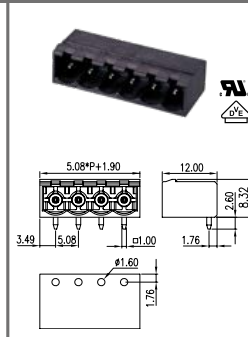
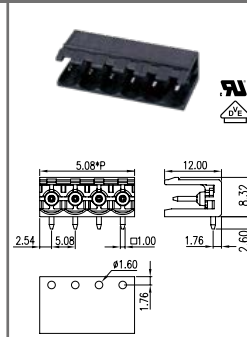
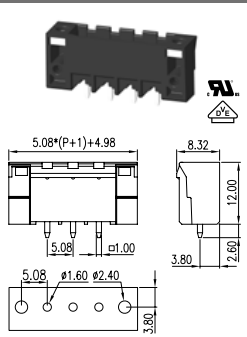
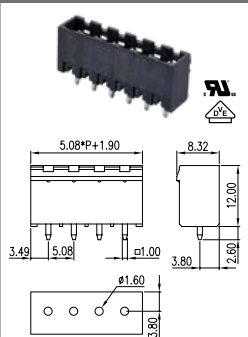
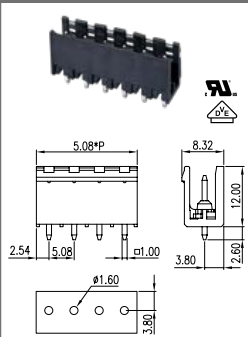
#### 2EHDVM-XXPL

#### 2EHDR-XXPL

#### 2EHDRC-XXPL

#### 2EHDRM-XXPL

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		4KV
Torque (N·m)		
Screw		
Wire strip length		
Number of Positions		
2EHDV-XXPL	02-24P	
2EHDVC-XXPL	02-24P	
2EHDVM-XXPL	02-24P	
2EHDR-XXPL	02-24P	
2EHDRC-XXPL	02-24P	
2EHDRM-XXPL	02-24P	
Accessories		
EHDK1L	P49	

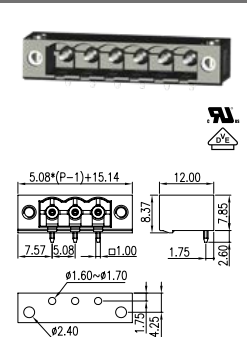
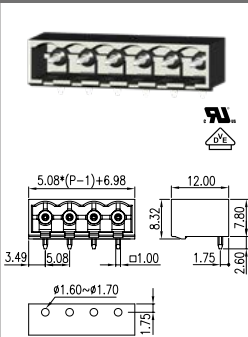
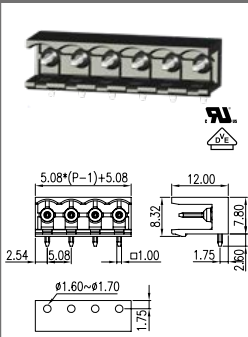


### 5.08mm

#### 2EHDV-XXPL

#### 2EHDRC-XXPL

#### 2EHDRC-XXPL



# Tape & Reel Packaging

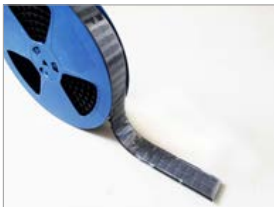


## For 3.50/3.81/5.0/5.08/7.62 mm Pitches

- Part number contains letter "L" meaning its suitable for reflow process. (e.g., 0156-24XXLWR, this item is suitable for reflow process.)
- Part number without "L" meaning its suitable for wave soldering.
- For headers with plug-in direction vertical to the PCB, pick up cap is included.



Pick up cap for vertical socket/header



T & R packaging in antistatic material



Customized tape, tube magazine packing by request

3.50mm			0156-20XX-BK-WR 0156-20XXLWR	0156-21XX-BK-WR 0156-21XXLWR	0156-24XX-BK-WR 0156-24XXLWR
Technical Data	UL	IEC			
Rated voltage	150V	320V			
Rated current	8A	10A			
Solid (AWG/mm <sup>2</sup> )					
Flexible (AWG/mm <sup>2</sup> )					
Rated impulse voltage		2.5KV			
Torque(N·m)					
Wire strip length					
Part Number	No. of pcs	Pcs/Pkt			
0156-20XX-BK-WR	02-14P	200			
0156-20XXLWR	02-14P	200			
0156-21XX-BK-WR	04-34P	200			
0156-21XXLWR	04-34P	200			
0156-24XX-BK-WR	04-32P	200			
0156-24XXLWR	04-32P	200			
0156-25XX-BK-WR	04-36P	200			
0156-25XXLWR	04-36P	200			
0156-26XX-BK-WR	04-36P	200			
0156-26XXLWR	04-36P	200			
0156-29XX-BK-WR	04-32P	200			
0156-29XXLWR	04-32P	200			

3.50mm			0156-25XX-BK-WR 0156-25XXLWR	0156-26XX-BK-WR 0156-26XXLWR	0156-29XX-BK-WR 0156-29XXLWR
Technical Data	UL	IEC			
Rated voltage	150V	250V			
Rated current	8A	8A			
Solid (AWG/mm <sup>2</sup> )					
Flexible (AWG/mm <sup>2</sup> )					
Rated impulse voltage		2.5KV			
Torque (N·m)					
Screw					
Wire strip length					
Part Number	No. of pcs	Pcs/Pkt			
0159-11XXWR	04-40P	100			
0159-11XXLWR	04-40P	100			
0159-12XXWR	04-40P	100			
0159-12XXLWR	04-40P	100			
0159-31XXWR	04-40P	100			
0159-31XXLWR	04-40P	100			
0159-32XXWR	04-40P	100			
0159-32XXLWR	04-40P	100			

3.50mm			0159-11XXWR 0159-11XXLWR	0159-12XXWR 0159-12XXLWR	0159-31XXWR 0159-31XXLWR
Technical Data	UL	IEC			
Rated voltage	150V	250V			
Rated current	8A	8A			
Solid (AWG/mm <sup>2</sup> )					
Flexible (AWG/mm <sup>2</sup> )					
Rated impulse voltage		2.5KV			
Torque (N·m)					
Screw					
Wire strip length					
Part Number	No. of pcs	Pcs/Pkt			
0159-32XXWR	04-40P	100			
0159-32XXLWR	04-40P	100			

3.50mm			0159-32XXWR 0159-32XXLWR
Technical Data	UL	IEC	
Rated voltage	150V	250V	
Rated current	8A	8A	
Solid (AWG/mm <sup>2</sup> )			
Flexible (AWG/mm <sup>2</sup> )			
Rated impulse voltage		2.5KV	
Torque (N·m)			
Screw			
Wire strip length			
Part Number	No. of pcs	Pcs/Pkt	
0159-32XXWR	04-40P	100	
0159-32XXLWR	04-40P	100	

Part number with suffix “\*” meaning its suitable for wave soldering, the housing is in green color.

Part number contains letter “L” meaning its suitable for reflow process, the housing is in black color.

Below part numbers are for wave soldering application, the housing in green color.

- ECH350V-XXPWR
- ECH350VM-XXPWR
- ECH350VT-XXPWR
- ECH350R-XXPWR
- ECH350RM-XXPWR
- ECH350RR-XXPWR
- ECH350RRM-XXPWR
- ECH381V-XXPWR
- ECH381VM-XXPWR
- ECH381R-XXPWR
- ECH381RM-XXPWR
- ECH381RR-XXPWR
- ECH381RRM-XXPWR

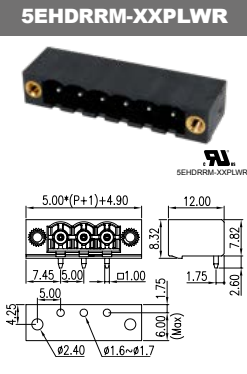
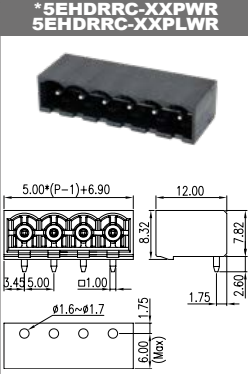
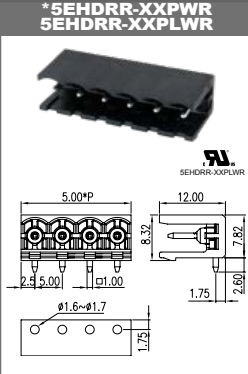
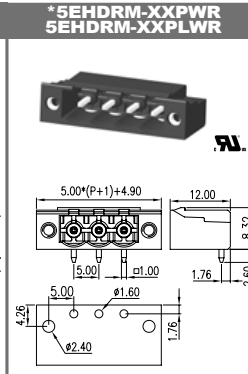
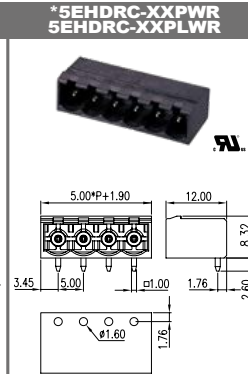
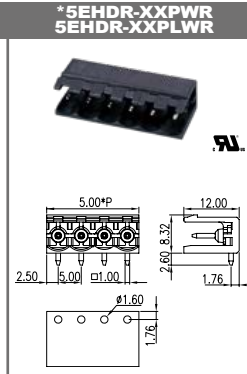
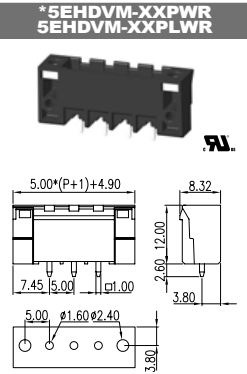
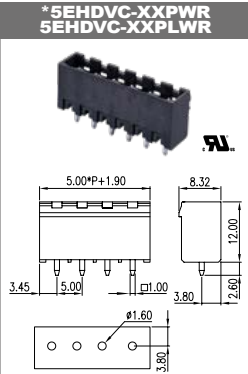
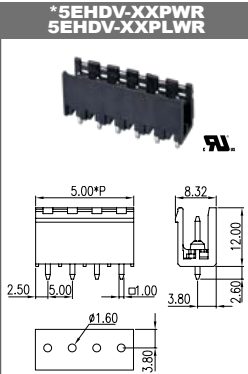
- 5EHDV-XXPWE
- 5EHDVM-XXPWR
- 5EHDVC-XXPWR
- 5EHDR-XXPWR
- 5EHDRM-XXPWR
- 5EHDRR-XXPWR
- 5EHDRRC-XXPWR
- 5EHDRRM-XXPWR
- 2EHDV-XXPWE
- 2EHDVM-XXPWR
- 2EHDVC-XXPWR
- 2EHDR-XXPWR
- 2EHDRM-XXPWR
- 2EHDRC-XXPWR

3.50mm			*ECH350V-XXPWR ECH350V-XXPLWR	*ECH350VM-XXPWR ECH350VM-XXPLWR	ECH350VT-XXPLWR	*ECH350R-XXPWR ECH350R-XXPLWR	*ECH350RM-XXPWR ECH350RM-XXPLWR	ECH350RT-XXPLWR																																	
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Part Number	No. of pcs	Pcs/Pkt																																							
ECH350V-XXPWR	02-24P	300																																							
ECH350VM-XXPWR	02-24P	300																																							
ECH350VT-XXPLWR	02-24P	300																																							
ECH350R-XXPWR	02-24P	450																																							
ECH350RM-XXPWR	02-24P	450																																							
ECH350RR-XXPWR	02-24P	450																																							
ECH350RRM-XXPWR	02-24P	450																																							
ECH350RRR-XXPWR	02-24P	450																																							
ECH350RRRM-XXPWR	02-24P	450																																							
ECH350RRRR-XXPWR	02-24P	450																																							
			*ECH350RR-XXPWR ECH350RR-XXPLWR	*ECH350RRM-XXPWR ECH350RRM-XXPLWR																																					
3.81mm			*ECH381V-XXPWR ECH381V-XXPLWR	*ECH381VM-XXPWR ECH381VM-XXPLWR	*ECH381R-XXPWR ECH381R-XXPLWR	*ECH381RM-XXPWR ECH381RM-XXPLWR	*ECH381RR-XXPWR ECH381RR-XXPLWR	*ECH381RRM-XXPWR ECH381RRM-XXPLWR																																	
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Part Number	No. of pcs	Pcs/Pkt																																							
ECH381V-XXPWR	02-24P	300																																							
ECH381VM-XXPWR	02-24P	300																																							
ECH381R-XXPWR	02-24P	300																																							
ECH381RM-XXPWR	02-24P	350																																							
ECH381RR-XXPWR	02-24P	350																																							
ECH381RRM-XXPWR	02-24P	350																																							
ECH381RRR-XXPWR	02-24P	350																																							
ECH381RRRM-XXPWR	02-24P	350																																							



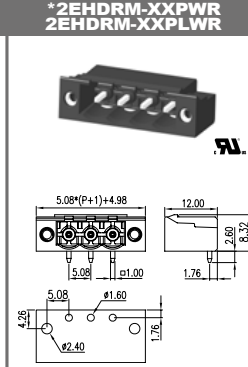
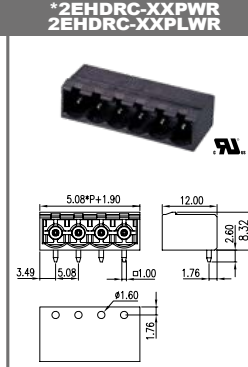
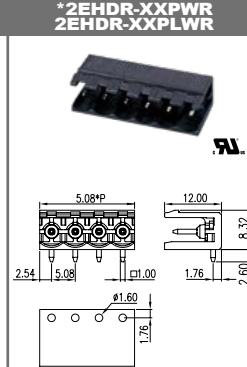
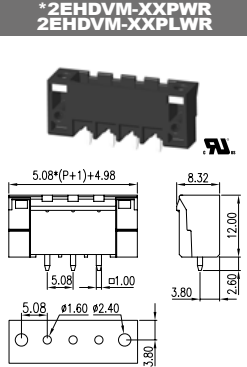
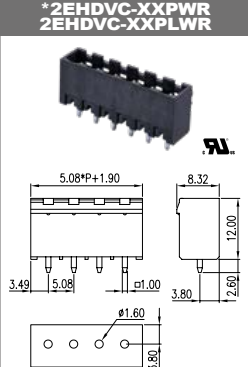
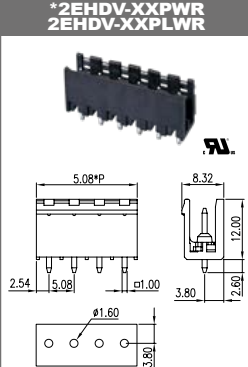
### 5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		4KV
Torque (N·m)		
Screw		
Wire strip length		
Part Number	No. of pcs	Pcs/Pkt
5EHDV-XXPWR	02-24P	200
5EHDV-XXPLWR	02-24P	200
5EHDVC-XXPWR	02-24P	200
5EHDVC-XXPLWR	02-24P	200
5EHDVM-XXPWR	02-24P	200
5EHDVM-XXPLWR	02-24P	200
5EHDR-XXPWR	02-24P	350
5EHDR-XXPLWR	02-24P	350
5EHDRC-XXPWR	02-24P	350
5EHDRC-XXPLWR	02-24P	350
5EHDRL-XXPWR	02-24P	350
5EHDRL-XXPLWR	02-24P	350
5EHDRC-XXPWR	02-24P	350
5EHDRC-XXPLWR	02-24P	350
5EHDRC-XXPWR	02-24P	350
5EHDRC-XXPLWR	02-24P	350
5EHDRC-XXPWR	02-24P	350
5EHDRC-XXPLWR	02-24P	350



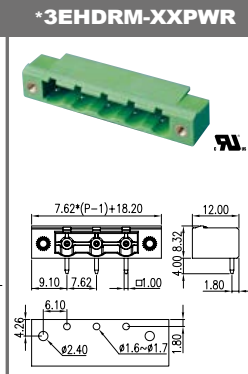
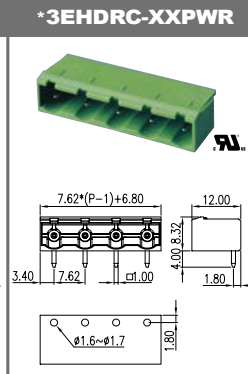
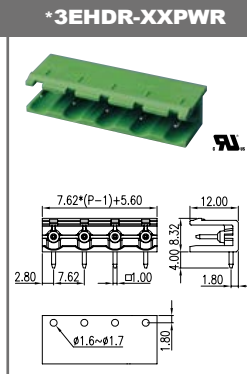
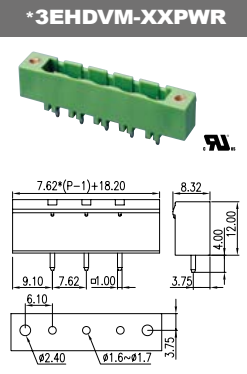
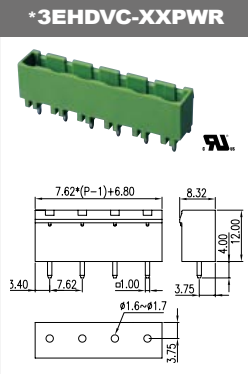
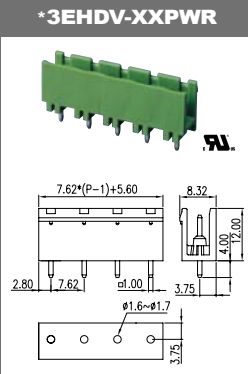
### 5.08mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		4KV
Torque (N·m)		
Screw		
Wire strip length		
Part Number	No. of pcs	Pcs/Pkt
2EHDV-XXPWR	02-24P	200
2EHDV-XXPLWR	02-24P	200
2EHDVC-XXPWR	02-24P	200
2EHDVC-XXPLWR	02-24P	200
2EHDVM-XXPWR	02-24P	200
2EHDVM-XXPLWR	02-24P	200
2EHDR-XXPWR	02-24P	350
2EHDR-XXPLWR	02-24P	350
2EHDRC-XXPWR	02-24P	350
2EHDRC-XXPLWR	02-24P	350
2EHDRL-XXPWR	02-24P	350
2EHDRL-XXPLWR	02-24P	350



### 7.62mm

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Solid (AWG/mm <sup>2</sup> )		
Flexible (AWG/mm <sup>2</sup> )		
Rated impulse voltage		6KV
Torque (N·m)		
Screw		
Wire strip length		
Part Number	No. of pcs	Pcs/Pkt
3EHDV-XXP	02-14P	200
3EHDV-XXP	02-14P	200
3EHDV-XXP	02-14P	200
3EHDV-XXP	02-14P	350
3EHDV-XXP	02-14P	350
3EHDV-XXP	02-14P	350



# PID (Push-in Design) PCB Terminal Blocks



Connection method: Push-in connection

Pitch: 2.50mm / 2.54mm / 3.50mm / 3.81mm / 5.00mm / 5.08mm

UL Rated: 150V/5A~ 300V/10A

IEC Rated: 130V/6A~ 450V/17.5A

- Push-in connection single and double level PCB terminal blocks
- Horizontal, vertical and 45 degrees plug-in directions
- Versions with support pin for additional stability on PCB.
- Color identification for each individual pole is available by request.

The Push-in design adopts specially designed spring technology which allows fast and easy wiring free of tool. The structure is rigid, durable and takes moderate force to release the wire with a screwdriver.

2.50mm			0188-01XXL			0188-02XXL		
Technical Data	UL	IEC						
Rated voltage	150V	160V						
Rated current	5A	6A						
Solid (AWG/mm²)	26-18	0.2-0.5						
Flexible (AWG/mm²)	26-18	0.2-0.5						
Rated impulse voltage		2.5KV						
Torque (N-m)								
Screw								
Wire strip length								
Number of Positions			0188-01XXL			0188-02XXL		
			02-20P			02-20P		
			0188-02XXSMD			02-20P		
			0188-01XXSMD			02-20P		

2.54mm			0141V-XXP			0141R-XXP		
Technical Data	UL	IEC						
Rated voltage	150V	250V						
Rated current	5A	12A						
Solid (AWG/mm²)	26-20	0.5						
Flexible (AWG/mm²)	26-20	0.5						
Rated impulse voltage		2.5KV						
Torque (N-m)								
Screw								
Wire strip length								
Number of Positions			0136-20XX			0136-21XX		
			02-20P			02-24P		

2.50mm			0136-10XX			2.50mm			0136-11XX		
Technical Data	UL	IEC									
Rated voltage	300V	250V									
Rated current	2A	2A									
Solid (AWG/mm²)	28-20	0.2-0.5									
Flexible (AWG/mm²)		0.2-0.5									
Rated impulse voltage		4KV									
Torque (N-m)											
Screw											
Wire strip length											
Number of Positions			0136-10XX			0136-11XX					
			02-24P			02-24P					

2.54mm			0138-10XX			0138-11XX		
Technical Data	UL	IEC						
Rated voltage	150V	130V						
Rated current	5A	6A						
Solid (AWG/mm²)	28-20	0.5						
Flexible (AWG/mm²)	28-20	0.5						
Rated impulse voltage		2.5KV						
Torque (N-m)								
Screw								
Wire strip length								
Number of Positions			0138-10XX			0138-11XX		
			02-24P			02-24P		

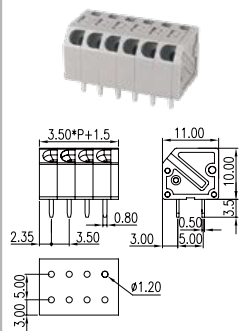
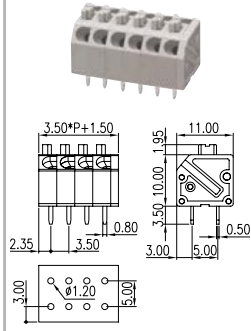
2.54mm			0136-20XX			3.50mm			0136-21XX		
Technical Data	UL	IEC									
Rated voltage	150V	250V									
Rated current	5A	12A									
Solid (AWG/mm²)	26-20	0.5									
Flexible (AWG/mm²)	26-20	0.5									
Rated impulse voltage		2.5KV									
Torque (N-m)											
Screw											
Wire strip length											
Number of Positions			0136-20XX			0136-21XX					
			02-20P			02-24P					

### 3.50mm

### 0137-40XX

### 0137-41XX

Technical Data		UL	IEC
Rated voltage	300V	130V	
Rated current	5A	17.5A	
Solid (AWG/mm <sup>2</sup> )	26-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	24-20	0.2-1.5	
Rated impulse voltage		2.5KV	
Torque (N-m)			
Screw			
Wire strip length	9mm		
Number of Positions			
0137-40XX	02-24P		
0137-41XX	02-24P		

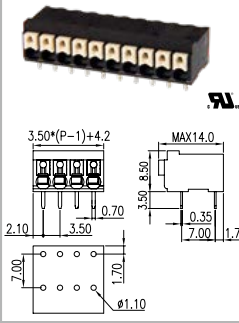
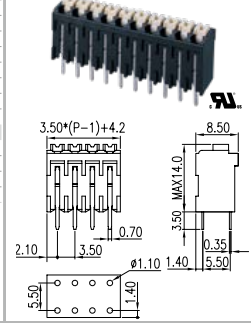


### 3.50mm

### 0138-50XX 0138-50XXL

### 0138-51XX 0138-51XXL

Technical Data		UL	IEC
Rated voltage	300V	160V	
Rated current	12A	17.5A	
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Rated impulse voltage		2.5KV	
Torque (N-m)			
Screw			
Wire strip length	9mm		
Number of Positions			
0138-50XX	02-24P		
0138-50XXL	02-24P		
0138-51XX	02-24P		
0138-51XXL	02-24P		

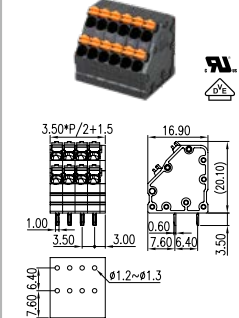
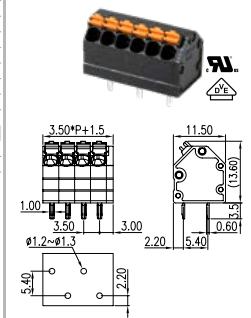


### 3.50mm

### 0151-01XX

### 0151-02XX

Technical Data		UL	IEC
Rated voltage	300V	160V	
Rated current	9A	14A	
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Rated impulse voltage		4KV	
Torque (N-m)			
Screw			
Wire strip length	10mm		
Number of Positions			
0151-01XX	02-24P		
0151-02XX	04-48P		



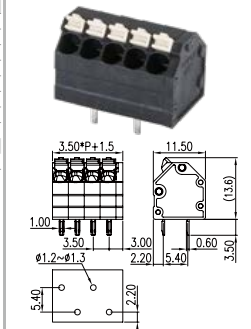
### 3.50mm

### 0151-01XXL

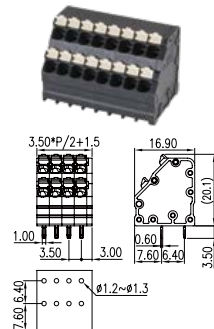
### 3.50mm

### 0151-02XXL

Technical Data		UL	IEC
Rated voltage	300V	320V	
Rated current	10A	14A	
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Rated impulse voltage		4KV	
Torque (N-m)			
Screw			
Wire strip length	10mm		
Number of Positions			
0151-01XXL	02-24P		



Technical Data		UL	IEC
Rated voltage	300V	160V	
Rated current	10A	14A	
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5	
Rated impulse voltage		2.5KV	
Torque (N-m)			
Screw			
Wire strip length	10mm		
Number of Positions			
0151-02XXL	02-24P		

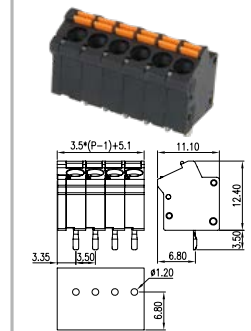
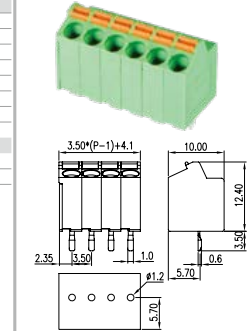


### 3.50mm

### 0185-11XX

### 0185-12XX

Technical Data		UL	IEC
Rated voltage	300V	200V	
Rated current	10A	14A	
Solid (AWG/mm <sup>2</sup> )	26-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	26-16	0.2-1.5	
Rated impulse voltage		2.5KV	
Torque (N-m)			
Screw			
Wire strip length	8-9mm		
Number of Positions			
0185-11XX	02-24P		
0185-12XX	02-24P		

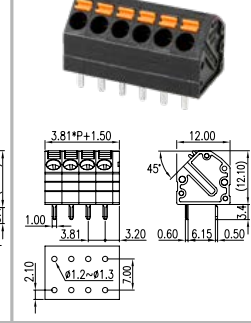
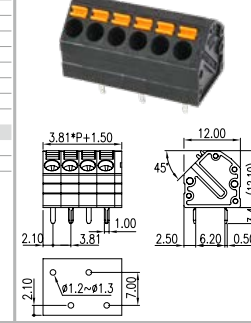


### 3.81mm

### 0141-01XX

### 0141-22XX

Technical Data		UL	IEC
Rated voltage	300V	320V	
Rated current	10A	10A	
Solid (AWG/mm <sup>2</sup> )	26-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	26-16	0.2-1.5	
Rated impulse voltage		4KV	
Torque (N-m)			
Screw			
Wire strip length	9mm		
Number of Positions			
0141-01XX	02-24P		
0141-22XX	02-24P		

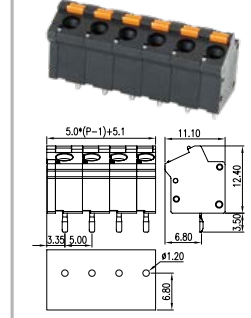
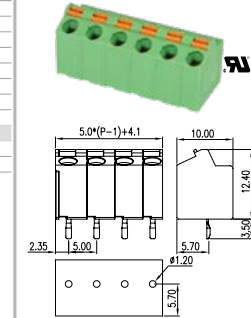


### 5.00mm

### 0185-31XX

### 0185-32XX

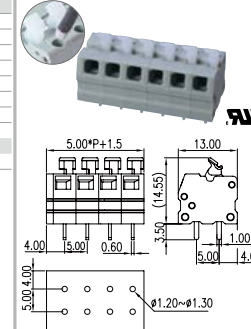
Technical Data		UL	IEC
Rated voltage	300V	200V	
Rated current	10A	14A	
Solid (AWG/mm <sup>2</sup> )	26-16	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	26-16	0.2-1.5	
Rated impulse voltage		2.5KV	
Torque (N-m)			
Screw			
Wire strip length	8-9mm		
Number of Positions			
0185-31XX	02-24P		
0185-32XX	02-24P		



### 5.00mm

### 0137-11XX

Technical Data		UL	IEC
Rated voltage	300V	320V	
Rated current	10A	17.5A	
Solid (AWG/mm <sup>2</sup> )	26-14	0.2-1.5	
Flexible (AWG/mm <sup>2</sup> )	26-16	0.2-1.5	
Rated impulse voltage		4KV	
Torque (N-m)			
Screw			
Wire strip length	9-10mm		
Number of Positions			
0137-11XX	02-24P		



5.00mm			0138-70XX		0138-76XX	
Technical Data	UL	IEC				
Rated voltage	300V	250V				
Rated current	10A	17.5A				
Solid (AWG/mm²)	26-14	0.2-1.5				
Flexible (AWG/mm²)		0.2-1.5				
Rated impulse voltage		4KV				
Torque (N·m)						
Screw						
Wire strip length	10mm					
	Number of Positions					
0138-70XX	02-24P					
0138-76XX	02-24P					

5.00mm			0152-01XX		0152-02XX	
Technical Data	UL	IEC				
Rated voltage	300V	320V				
Rated current	10A	17.5A				
Solid (AWG/mm²)	28-16	0.2-1.5				
Flexible (AWG/mm²)	28-16	0.2-1.5				
Rated impulse voltage		4KV				
Torque (N·m)						
Screw						
Wire strip length	8-9mm					
	Number of Positions					
0152-01XX	02-24P					
0152-02XX	04-48P					

5.00mm			0153-01XX		0153-02XX	
Technical Data	UL	IEC				
Rated voltage	300V	320V				
Rated current	20A	24A				
Solid (AWG/mm²)	24-12	0.2-2.5				
Flexible (AWG/mm²)	24-12	0.2-2.5				
Rated impulse voltage		4KV				
Torque (N·m)						
Screw						
Wire strip length	12-14mm					
	Number of Positions					
0153-01XX	02-24P					
0153-02XX	04-48P					

5.08mm			0138-60XX 0138-60XXL		0138-61XX 0138-61XXL	
Technical Data	UL	IEC				
Rated voltage	300V	320V				
Rated current	12A	17.5A				
Solid (AWG/mm²)	28-16	0.14-1.5				
Flexible (AWG/mm²)	28-16	0.14-1.5				
Rated impulse voltage		4KV				
Torque (N·m)						
Screw						
Wire strip length	8-9mm					
	Number of Positions					
0138-60XX	02-16P					
0138-60XXL	02-24P					
0138-61XX	02-16P					
0138-61XXL	02-24P					

5.08mm			0141-21XX		0141-24XX	
Technical Data	UL	IEC				
Rated voltage	300V	320V				
Rated current	10A	10A				
Solid (AWG/mm²)	26-16	0.2-1.5				
Flexible (AWG/mm²)	26-16	0.2-1.5				
Rated impulse voltage		4KV				
Torque (N·m)						
Screw						
Wire strip length	9mm					
	Number of Positions					
0141-21XX	02-24P					
0141-24XX	02-24P					

5.08mm			142V-XXP		142R-XXP	
Technical Data	UL	IEC				
Rated voltage	300V	450V				
Rated current	10A	17.5A				
Solid (AWG/mm²)	22-14	0.5-1.5				
Flexible (AWG/mm²)	22-14	0.5-1.5				
Rated impulse voltage		4KV				
Torque (N·m)						
Screw						
Wire strip length	9mm	6-7mm				
	Number of Positions					
142V-XXP	02-24P					
142R-XXP	02-24P					

10.00mm			0152-41XX		10.00mm		0153-41XX	
Technical Data	UL	IEC						
Rated voltage	300V	1000V						
Rated current	10A	17.5A						
Solid (AWG/mm²)	28-16	0.2-1.5						
Flexible (AWG/mm²)	28-16	0.2-1.5						
Rated impulse voltage		8KV						
Torque (N·m)								
Screw								
Wire strip length	8-9mm							
	Number of Positions							
0152-41XX	02-12P							
0153-41XX	02-12P							



# Front Entry PID Terminal Blocks

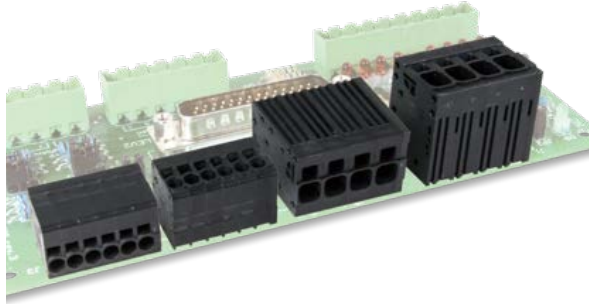
Pitch: 3.50mm / 5.00mm / 6.35mm /  
7.50mm / 10.00mm



UL Rated: 300V / 10A ~ 600V / 66A  
IEC Rated: 320V / 17.5A ~ 1000V / 76A



- 2 pins on each pole for excellent stability on PCB.



- Versions with horizontal and vertical wire entry direction.



- For stranded wire connection without ferrules, the clamp shall be opened by a screwdriver.





6.35mm			0177-76XX		0177-78XX	
Technical Data	UL	IEC				
Rated voltage	600V	1000V				
Rated current	25A	32A				
Solid (AWG/mm <sup>2</sup> )	24~10	0.2~4				
Flexible (AWG/mm <sup>2</sup> )	24~10	0.2~4				
Rated impulse voltage		8KV				
Torque (N-m)						
Screw						
Wire strip length	13mm					
Number of Positions						
0177-76XX	02~16P					
0177-78XX	02~16P					

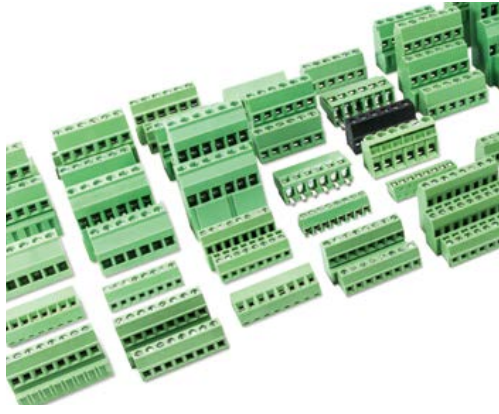
3.50mm			0177-31XX		0177-33XX	
Technical Data	UL	IEC				
Rated voltage	300V	320V				
Rated current	10A	17.5A				
Solid (AWG/mm <sup>2</sup> )	26~16	0.2~1.5				
Flexible (AWG/mm <sup>2</sup> )	26~16	0.2~1.5				
Rated impulse voltage		2.5KV				
Torque (N-m)						
Screw						
Wire strip length	9~10mm					
Number of Positions						
0177-31XX	02~24P					
0177-33XX	02~24P					

7.50mm			0177-86XX		0177-88XX	
Technical Data	UL	IEC				
Rated voltage	600V	1000V				
Rated current	36A	41A				
Solid (AWG/mm <sup>2</sup> )	24~8	0.2~10				
Flexible (AWG/mm <sup>2</sup> )	24~8	0.2~6				
Rated impulse voltage		8KV				
Torque (N-m)						
Screw						
Wire strip length	15mm					
Number of Positions						
0177-86XX	02~16P					
0177-88XX	02~16P					

5.00mm			0177-51XX		0177-53XX	
Technical Data	UL	IEC				
Rated voltage	300V	320V				
Rated current	20A	24A				
Solid (AWG/mm <sup>2</sup> )	26~12	0.2~2.5				
Flexible (AWG/mm <sup>2</sup> )	26~12	0.2~2.5				
Rated impulse voltage		4KV				
Torque (N-m)						
Screw						
Wire strip length	9~10mm					
Number of Positions						
0177-51XX	02~12P					
0177-53XX	02~12P					

10.00mm			0177-06XX		0177-08XX	
Technical Data	UL	IEC				
Rated voltage	600V	1000V				
Rated current	66A	76A				
Solid (AWG/mm <sup>2</sup> )	20~4	0.75~16				
Flexible (AWG/mm <sup>2</sup> )	20~4	0.75~16				
Rated impulse voltage		8KV				
Torque (N-m)						
Screw						
Wire strip length	18~20mm					
Number of Positions						
0177-06XX	02~12P					
0177-08XX	02~12P					

# Screw Connection PCB Type Terminal Blocks



Pitch: 3.50mm / 5.00mm / 6.35mm /  
7.50mm / 10.00mm

UL Rated: 150V/10A~ 600V/65A  
IEC Rated: 130V/8A~1000V/76A

- Versions with single, double and triple-level PCB terminal blocks.
- Horizontal, vertical and 45 degrees wire entry directions.
- Space saving and finger-safe housing design.
- Special markings on the housing for identification are available by request.

2.54mm			EK254V-XXP			3.50mm			EK350V-XXP			3.50mm			EK350V4L-XXP								
Technical Data	UL	IEC				Technical Data	UL	IEC				Technical Data	UL	IEC									
Rated voltage	150V	130V				Rated voltage	300V	130V				Rated voltage	300V	130V									
Rated current	10A	8A				Rated current	10A	12A				Rated current	10A	10A									
Solid (AWG/mm²)	28-16	0.5-1.5				Solid (AWG/mm²)	30-16	0.14-1.5				Solid (AWG/mm²)	30-16	0.5-1.5									
Flexible (AWG/mm²)	28-16	0.5-1.5				Flexible (AWG/mm²)	30-16	0.14-1.5				Flexible (AWG/mm²)	30-16	0.5-1.5									
Rated impulse voltage	2.5KV					Rated impulse voltage	2.5KV					Rated impulse voltage	2.5KV										
Torque (N-m)	0.2					Torque (N-m)	0.2					Torque (N-m)	0.2										
Screw	M1.6					Screw	M2					Screw	M2										
Wire strip length	5-6mm					Wire strip length	6-7mm					Wire strip length	6-7mm										
Number of Positions			EK254V-XXP 02-16P			Number of Positions			EK350V-XXP 02-24P			Number of Positions			EK350V4L-XXP 04-40P								
3.81mm			EHK381V-XXP			3.81mm			EK381V-XXP			EEK381V-XXP			E3K381V-XXP								
Technical Data	UL	IEC				Technical Data	UL	IEC				Technical Data	UL	IEC				Technical Data	UL	IEC			
Rated voltage	300V	130V				Rated voltage	300V	250V				Rated voltage	300V	250V									
Rated current	10A	8A				Rated current	12A	12A				Rated current	12A	12A									
Solid (AWG/mm²)	26-16	0.5-1.5				Solid (AWG/mm²)	30-16	0.5-1.5				Solid (AWG/mm²)	30-14	0.5-1.5									
Flexible (AWG/mm²)	26-16	0.5-1.5				Flexible (AWG/mm²)	30-16	0.5-1.5				Flexible (AWG/mm²)	30-14	0.5-1.5									
Rated impulse voltage	4KV					Rated impulse voltage	2.5KV					Rated impulse voltage	2.5KV										
Torque (N-m)	0.2					Torque (N-m)	0.2					Torque (N-m)	0.2										
Screw	M2					Screw	M2					Screw	M2										
Wire strip length	6-7mm					Wire strip length	6-7mm					Wire strip length	6-7mm										
Number of Positions			EHK381V-XXP 02-16P			Number of Positions			EK381V-XXP 02-24P			Number of Positions			EEK381V-XXP 02-24P								
Number of Positions			E3K381V-XXP 02-24P			Number of Positions			EK381V-XXP 02-24P			Number of Positions			EEK381V-XXP 02-24P								
Number of Positions			E3K381V-XXP 02-24P			Number of Positions			EK381V-XXP 02-24P			Number of Positions			EEK381V-XXP 02-24P								
Number of Positions			E3K381V-XXP 02-24P			Number of Positions			EK381V-XXP 02-24P			Number of Positions			EEK381V-XXP 02-24P								
3.81mm			EK381V4L-XXP			EK381V3L-XXP			3.81mm			ESK381V-XXP			ESK381R-XXP								
Technical Data	UL	IEC				Technical Data	UL	IEC				Technical Data	UL	IEC				Technical Data	UL	IEC			
Rated voltage	300V	250V				Rated voltage	300V	250V				Rated voltage	300V	250V									
Rated current	12A	12A				Rated current	12A	12A				Rated current	12A	12A									
Solid (AWG/mm²)	30-16	0.5-1.5				Solid (AWG/mm²)	30-14	0.5-1.5				Solid (AWG/mm²)	30-14	0.5-1.5									
Flexible (AWG/mm²)	30-16	0.5-1.5				Flexible (AWG/mm²)	30-14	0.5-1.5				Flexible (AWG/mm²)	30-14	0.5-1.5									
Rated impulse voltage	2.5KV					Rated impulse voltage	2.5KV					Rated impulse voltage	2.5KV										
Torque (N-m)	0.2					Torque (N-m)	0.2					Torque (N-m)	0.2										
Screw	M2					Screw	M2					Screw	M2										
Wire strip length	6-7mm					Wire strip length	6-7mm					Wire strip length	6-7mm										
Number of Positions			EK381V4L-XXP 6-7mm			Number of Positions			EK381V3L-XXP 5-6mm			Number of Positions			ESK381V-XXP 02-24P								
Number of Positions			EK381V3L-XXP 4-5mm			Number of Positions			EK381V-XXP 02-24P			Number of Positions			ESK381R-XXP 02-24P								
Number of Positions			EK381V4L-XXP 04-48P			Number of Positions			EK381V-XXP 02-24P			Number of Positions			ESK381R-XXP 02-24P								
Number of Positions			EK381V3L-XXP 06-72P			Number of Positions			EK381V-XXP 02-24P			Number of Positions			ESK381R-XXP 02-24P								
3.81mm			EESK381V-XXP			ESK381V4L-XXP			5.00mm			ELK500V-XXP			5.00mm			ELK500S-XXP					
Technical Data	UL	IEC				Technical Data	UL	IEC				Technical Data	UL	IEC				Technical Data	UL	IEC			
Rated voltage	300V	250V				Rated voltage	300V	250V				Rated voltage	300V	250V									
Rated current	12A	12A				Rated current	13.5A	17.5A				Rated current	13.5A	17.5A									
Solid (AWG/mm²)	30-14	0.5-1.5				Solid (AWG/mm²)	30-16	0.14-1.5				Solid (AWG/mm²)	30-14	0.14-1.5									
Flexible (AWG/mm²)	30-14	0.5-1.5				Flexible (AWG/mm²)	30-16	0.14-1.5				Flexible (AWG/mm²)	30-14	0.14-1.5									
Rated impulse voltage	2.5KV					Rated impulse voltage	4KV					Rated impulse voltage	4KV										
Torque (N-m)	0.2					Torque (N-m)	0.5					Torque (N-m)	0.4										
Screw	M2					Screw	M2.5					Screw	M2.5										
Wire strip length	6-7mm					Wire strip length	6-7mm					Wire strip length	6mm										
Number of Positions			EESK381V-XXP 02-24P			Number of Positions			ELK500V-XXP 02-24P			Number of Positions			ELK500S-XXP 02-24P								
Number of Positions			ESK381V4L-XXP 04-48P			Number of Positions			ELK500V-XXP 02-24P			Number of Positions			ELK500S-XXP 02-24P								

5.00mm

EK500A-XXP

EK500V-XXP

EK500R-XXP

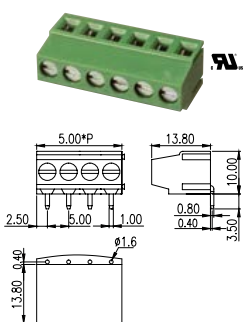
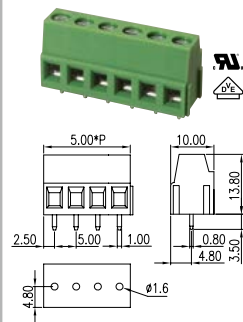
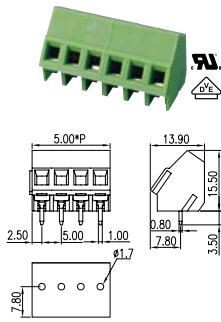
5.00mm

EK500V4L-XXP

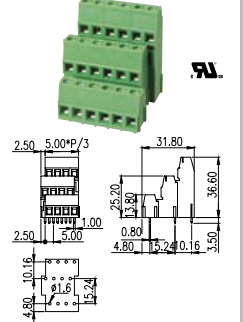
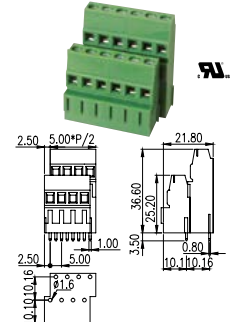
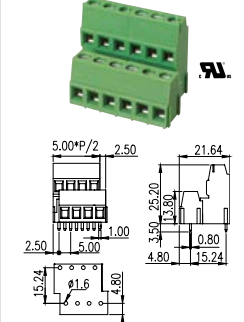
EK500V2L-XXP

EK500V3L-XXP

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	24A
Solid (AWG/mm <sup>2</sup> )		
EK500A-XXP	24-12	0.14-2.5
EK500V-XXP	24-12	0.5-2.5
EK500R-XXP	24-12	0.5-2.5
Flexible (AWG/mm <sup>2</sup> )		
EK500A-XXP	24-12	0.14-2.5
EK500V-XXP	24-12	0.5-2.5
EK500R-XXP	24-12	0.5-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length		
EK500A-XXP	6mm	
EK500V-XXP	6mm	
EK500R-XXP	6-7mm	
Number of Positions	02-24P	



Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	24A
Solid (AWG/mm <sup>2</sup> )		
EK500V4L-XXP	24-12	0.5-2.5
EK500V2L-XXP	24-12	0.5-2.5
EK500V3L-XXP	24-12	0.5-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
EK500V4L-XXP	04-48P	
EK500V2L-XXP	04-48P	
EK500V3L-XXP	06-72P	



5.00mm

E3K500V-XXP

EEK500V-XXP

5.00mm

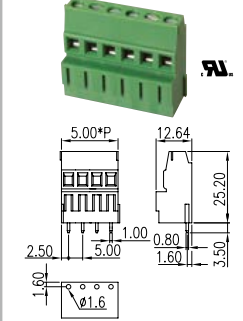
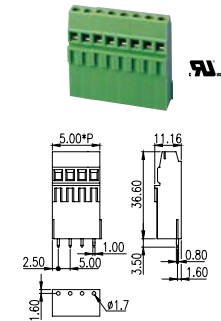
EHK5V-XXP

5.00mm

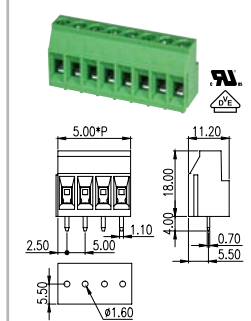
EHK500R-XXP

E2HK500V-XXPAM

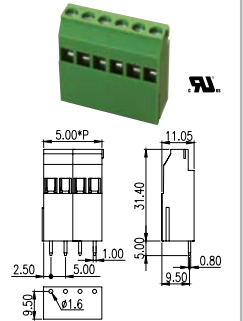
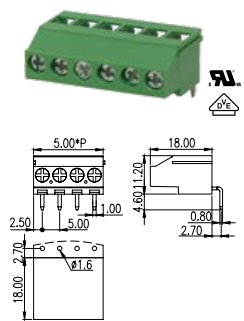
Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	24A
Solid (AWG/mm <sup>2</sup> )		
E3K500V-XXP	24-12	0.5-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
E3K500V-XXP	02-24P	
EEK500V-XXP	02-14P	



Technical Data	UL	IEC
Rated voltage	300V	300V
Rated current	25A	24A
Solid (AWG/mm <sup>2</sup> )		
EHK5V-XXP	24-12	0.2-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	8mm	
Number of Positions		
EHK5V-XXP	02-24P	



Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current		
EHK500R-XXP	25A	24A
E2HK500V-XXPAM	20A	24A
Solid (AWG/mm <sup>2</sup> )		
EHK500R-XXP	24-12	0.5-2.5
E2HK500V-XXPAM	24-12	0.5-2.5
Rated impulse voltage	4KV	
Torque (N-m)		
EHK500R-XXP	0.5	
E2HK500V-XXPAM	0.4	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
EHK500R-XXP	02-18P	
E2HK500V-XXPAM	02P - 03P....	



5.00mm

EHK5V3L-XXP

5.08mm

ELK508V-XXP

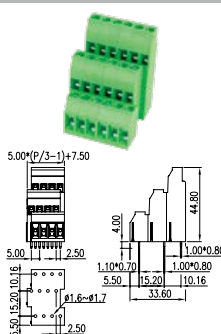
5.08mm

ELK508S-XXP

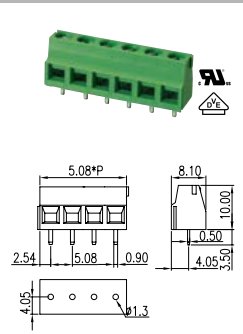
5.08mm

E2LK508V-XXP

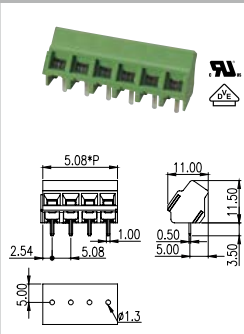
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm <sup>2</sup> )		
EHK5V3L-XXP	24-12	0.2-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
EHK5V3L-XXP	06-72P	



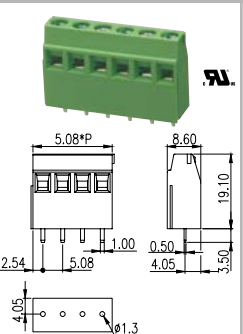
Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	13.5A	14A
Solid (AWG/mm <sup>2</sup> )		
ELK508V-XXP	30-16	0.5-1.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	5-6mm	
Number of Positions		
ELK508V-XXP	02-24P	



Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	13.5A	17.5A
Solid (AWG/mm <sup>2</sup> )		
ELK508S-XXP	30-14	0.14-1.5
Rated impulse voltage	4KV	
Torque (N-m)	0.4	
Screw	M2.5	
Wire strip length	6mm	
Number of Positions		
ELK508S-XXP	02-24P	



Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	13.5A	13.5A
Solid (AWG/mm <sup>2</sup> )		
E2LK508V-XXP	30-14	0.2-1.5
Rated impulse voltage	4KV	
Torque (N-m)	0.6	
Screw	M2.5	
Wire strip length	6mm	
Number of Positions		
E2LK508V-XXP	02-24P	



5.08mm

EELK508V-XXP

5.08mm

EK508A-XXP

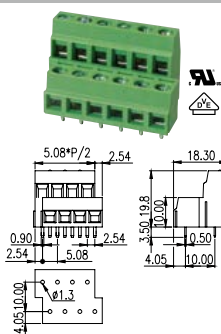
5.08mm

EK508V-XXP

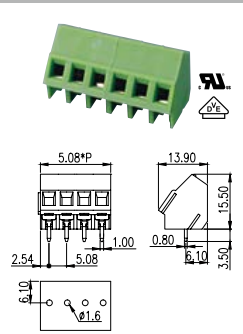
5.08mm

EK508R-XXP

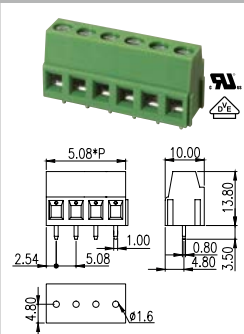
Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	13.5A	14A
Solid (AWG/mm <sup>2</sup> )		
EELK508V-XXP	26-18	0.5-1.5
Rated impulse voltage	4KV	
Torque (N-m)	0.6	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
EELK508V-XXP	04-18P	



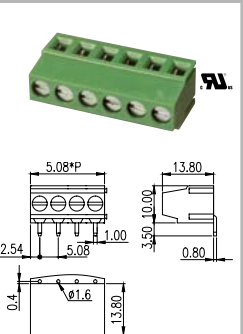
Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	24A
Solid (AWG/mm <sup>2</sup> )		
EK508A-XXP	24-12	0.14-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7-8mm	
Number of Positions		
EK508A-XXP	02-24P	



Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	24A
Solid (AWG/mm <sup>2</sup> )		
EK508V-XXP	24-12	0.5-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
EK508V-XXP	02-24P	



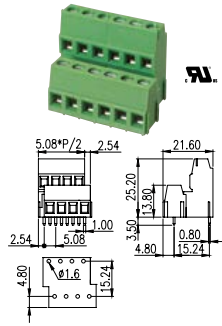
Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	10A
Solid (AWG/mm <sup>2</sup> )		
EK508R-XXP	24-12	0.5-2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
EK508R-XXP	02-24P	



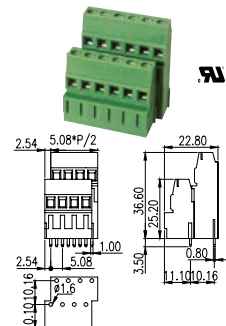
### 5.08mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	24A
Solid (AWG/mm <sup>2</sup> )	24-12	0.5-2.5
Flexible (AWG/mm <sup>2</sup> )	24-12	0.5-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
EK508V4L-XXP	04-48P	
EK508V2L-XXP	04-48P	
EK508V3L-XXP	06P · 09P...up to 72P	
E3K508V-XXP	02P · 03P...up to 24P	
EEK508V-XXP	02-15P	

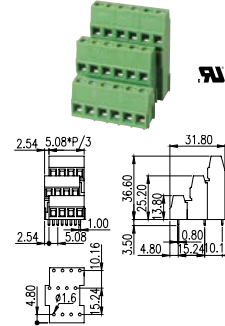
### EK508V4L-XXP



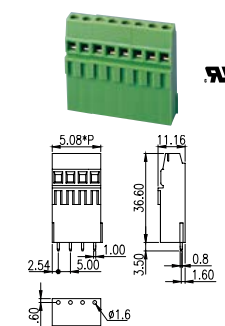
### EK508V2L-XXP



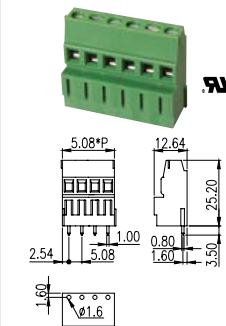
### EK508V3L-XXP



### E3K508V-XXP



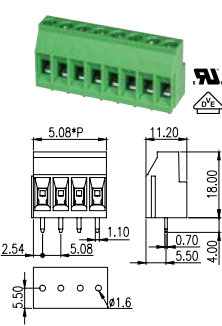
### EEK508V-XXP



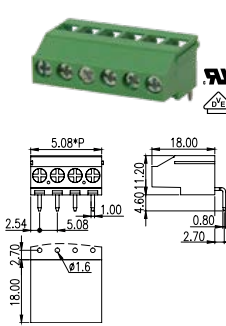
### 5.08mm

Technical Data	UL	IEC
Rated voltage	300V	300V
Rated current	300V	250V
Rated current	300V	250V
Rated current	25A	24A
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	24-12	0.5-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions	02-24P	

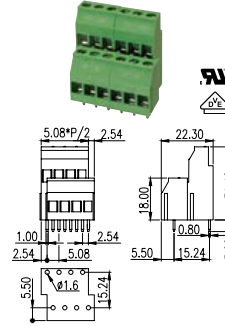
### EHK2V-XXP



### EHK508R-XXP



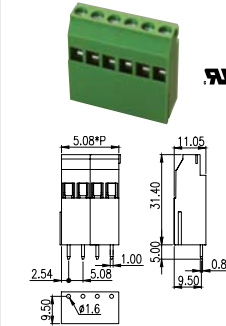
### EEHK508V-XXP



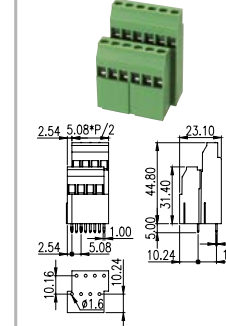
### 5.08mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	300V	450V
Rated current	300V	450V
Rated current	25A	24A
Solid (AWG/mm <sup>2</sup> )	24-12	0.5-2.5
Flexible (AWG/mm <sup>2</sup> )	24-12	0.5-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4	
Torque (N-m)	0.5	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
E2HK508V-XXPAM	02P · 03P...up to 24P	
E2HK508V-XXP	04P · 06P...up to 48P	
EHK508V2L-XXP	06P · 09P...up to 72P	

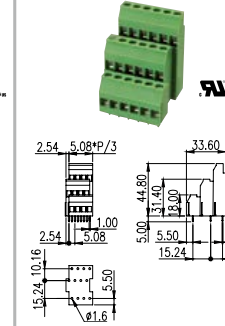
### E2HK508V-XXPAM



### EHK508V2L-XXP



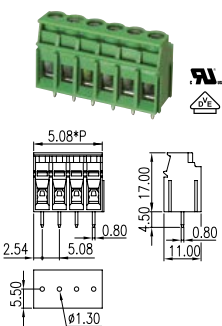
### EHK508V3L-XXP



### 5.08mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	23A	24A
Solid (AWG/mm <sup>2</sup> )	26-12	0.5-2.5
Flexible (AWG/mm <sup>2</sup> )	26-12	0.5-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.8	
Screw	M3	
Wire strip length	10-11mm	
Number of Positions		
ESK508V-XXP	02-24P	

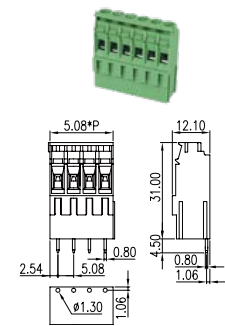
### ESK508V-XXP



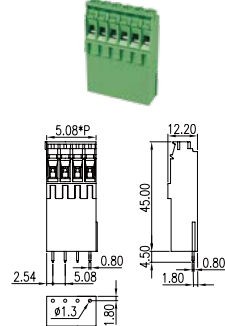
### 5.08mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	20A	24A
Solid (AWG/mm <sup>2</sup> )	26-12	0.5-2.5
Flexible (AWG/mm <sup>2</sup> )	26-12	0.5-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5	
Screw	M3	
Wire strip length	8-9mm	
Number of Positions		
EESK508V-XXP	02-16P	
E3SK508V-XXP	02-16P	
ESK508V4L-XXP	04-32P	
ESK508V3L-XXP	06-48P	

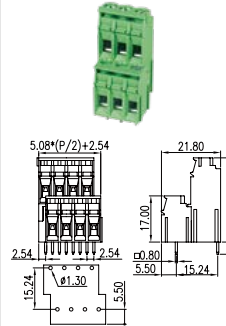
### EESK508V-XXP



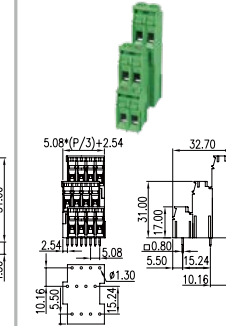
### E3SK508V-XXP



### ESK508V4L-XXP



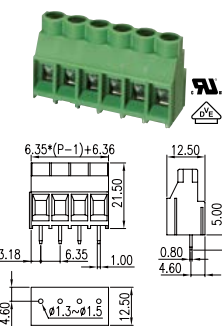
### ESK508V3L-XXP



### 6.35mm

Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	30A	32A
Solid (AWG/mm <sup>2</sup> )	26-10	0.2-4.0
Flexible (AWG/mm <sup>2</sup> )	26-10	0.2-4.0
Rated impulse voltage		4KV
Torque (N-m)	0.5-0.8	
Screw	M3	
Wire strip length	10-11mm	
Number of Positions		
ESK635V-XXP	02-12P	

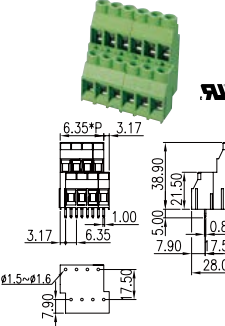
### ESK635V-XXP



### 6.35mm

Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	30A	32A
Solid (AWG/mm <sup>2</sup> )	30-10	0.2-4.0
Flexible (AWG/mm <sup>2</sup> )	30-10	0.2-4.0
Rated impulse voltage		4KV
Torque (N-m)	0.8	
Screw	M3	
Wire strip length	10-11mm	
Number of Positions		
EKB635V-XXP	04 · 06P...up to 48P	

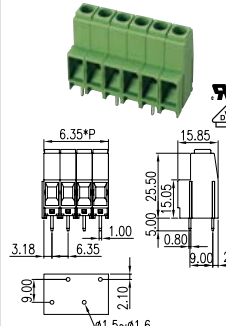
### EKB635V-XXP



### 6.35mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	35A	41A
Solid (AWG/mm <sup>2</sup> )	18-8	0.2-6
Flexible (AWG/mm <sup>2</sup> )	18-8	0.2-6
Rated impulse voltage		8KV
Torque (N-m)	0.5	
Screw	M3	
Wire strip length	9-10mm	
Number of Positions		
EPK635VN-XXP	02-16P	

### EPK635VN-XXP

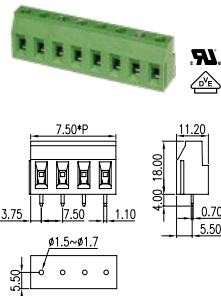




### 7.50mm

### EHK7V-XXP

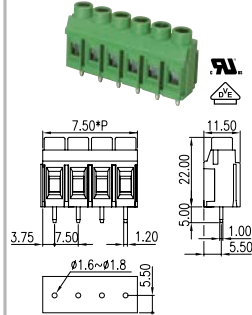
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	25A	24A
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5
Rated impulse voltage	6KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	8mm	
Number of Positions		
EHK7V-XXP	02-16P	



### 7.50mm

### ESK750V-XXP

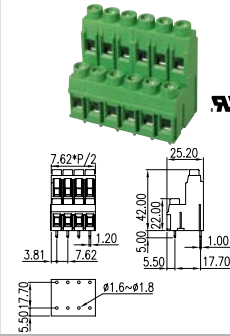
Technical Data	UL	IEC
Rated voltage	300V / 600V	750V
Rated current	30A / 5A	32A
Solid (AWG/mm <sup>2</sup> )	24-10	0.2-4.0
Flexible (AWG/mm <sup>2</sup> )	24-10	0.2-4.0
Rated impulse voltage	6KV	
Torque (N-m)	0.6-1.4	
Screw	M3.5	
Wire strip length	10-11mm	
Number of Positions		
ESK750V-XXP	02-12P	



### 7.62mm

### EKB762V-XXP

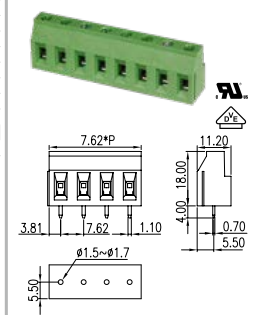
Technical Data	UL	IEC
Rated voltage	300V / 600V	750V
Rated current	30A / 5A	32A
Solid (AWG/mm <sup>2</sup> )	24-10	0.2-4.0
Flexible (AWG/mm <sup>2</sup> )	24-10	0.2-4.0
Rated impulse voltage	4KV	
Torque (N-m)	1.4	
Screw	M3.5	
Wire strip length	10-11mm	
Number of Positions		
EKB762V-XXP	04P - 06P.....	



### 7.62mm

### EHK3V-XXP

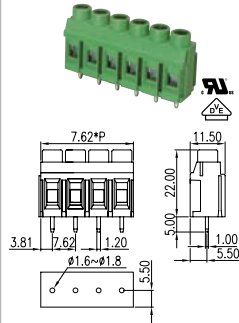
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	25A	24A
Solid (AWG/mm <sup>2</sup> )	24-12	0.5-4
Flexible (AWG/mm <sup>2</sup> )	24-12	0.5-2.5
Rated impulse voltage	6KV	
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
EHK3V-XXP	02-16P	



### 7.62mm

### ESK762V-XXP

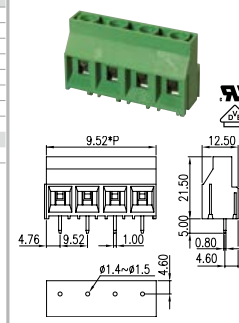
Technical Data	UL	IEC
Rated voltage	300V / 600V	750V
Rated current	30A / 5A	32A
Solid (AWG/mm <sup>2</sup> )	24-10	0.2-4.0
Flexible (AWG/mm <sup>2</sup> )	24-10	0.2-4.0
Rated impulse voltage	6KV	
Torque (N-m)	0.6-1.4	
Screw	M3.5	
Wire strip length	10-11mm	
Number of Positions		
ESK762V-XXP	02-12P	



### 9.52mm

### EK950V-XXP

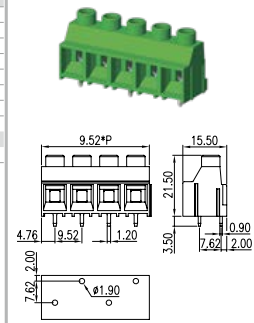
Technical Data	UL	IEC
Rated voltage	300V / 600V	1000V
Rated current	30A / 5A	32A
Solid (AWG/mm <sup>2</sup> )	26-10	0.5-4.0
Flexible (AWG/mm <sup>2</sup> )	26-10	0.5-4.0
Rated impulse voltage	8KV	
Torque (N-m)	0.5-0.8	
Screw	M3	
Wire strip length	6-7mm	
Number of Positions		
EK950V-XXP	02-25P	



### 9.52mm

### EK950HVN-XXP

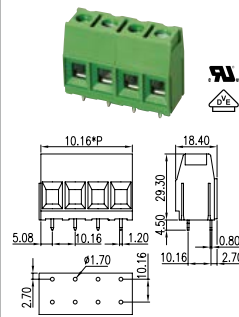
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	30A	32A
Solid (AWG/mm <sup>2</sup> )	26-10	0.2-4.0
Flexible (AWG/mm <sup>2</sup> )	26-10	0.2-4.0
Rated impulse voltage	8KV	
Torque (N-m)	0.6	
Screw	M3	
Wire strip length	7-8mm	
Number of Positions		
EK950HVN-XXP	02-25P	



### 10.16mm

### ESK116V-XXP

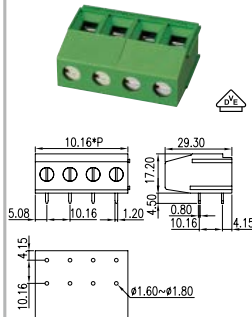
Technical Data	UL	IEC
Rated voltage	300V / 600V	1000V
Rated current	65A / 5A	57A
Solid (AWG/mm <sup>2</sup> )	20-6	0.5-10
Flexible (AWG/mm <sup>2</sup> )	20-6	0.5-10
Rated impulse voltage	8KV	
Torque (N-m)	1.8	
Screw	M4	
Wire strip length	10-11mm	
Number of Positions		
ESK116V-XXP	02P - 03P.....	



### 10.16mm

### ESK116R-XXPAM

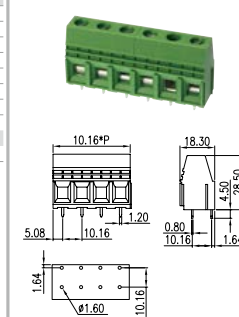
Technical Data	UL	IEC
Rated voltage	300V / 600V	750V
Rated current	65A / 5A	57A
Solid (AWG/mm <sup>2</sup> )	20-6	0.5-10
Flexible (AWG/mm <sup>2</sup> )	20-6	0.5-10
Rated impulse voltage	8KV	
Torque (N-m)	1.8	
Screw	M4	
Wire strip length	11-12mm	
Number of Positions		
ESK116R-XXPAM	02P - 03P.....	



### 10.16mm

### ESKW116V-XXP

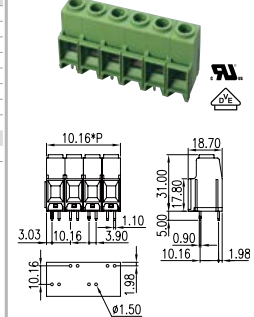
Technical Data	UL	IEC
Rated voltage	300V	750V
Rated current	65A	57A
Solid (AWG/mm <sup>2</sup> )	22-6	0.5-10
Flexible (AWG/mm <sup>2</sup> )	22-6	0.5-10
Rated impulse voltage	6KV	
Torque (N-m)	2.0	
Screw	M4	
Wire strip length	11-12mm	
Number of Positions		
ESKW116V-XXP	02P - 03P.....	



### 10.16mm

### EPK116VN-XXP

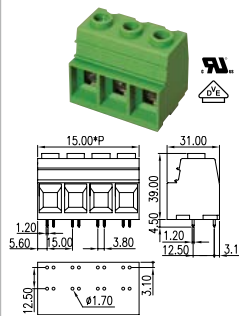
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	57A / 65A	76A
Solid (AWG/mm <sup>2</sup> )	20-6	0.5-16
Flexible (AWG/mm <sup>2</sup> )	20-6	0.5-16
Rated impulse voltage	8KV	
Torque (N-m)	1.2	
Screw	M4	
Wire strip length	12mm	
Number of Positions		
EPK116VN-XXP	02-16P	



### 15.00mm

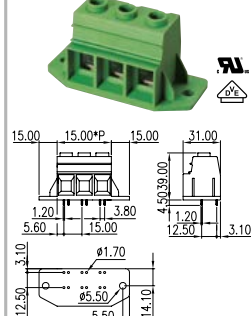
### ESK150V-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	115A	125A
Solid (AWG/mm <sup>2</sup> )	20-2	0.5-35
Flexible (AWG/mm <sup>2</sup> )	20-2	0.5-35
Rated impulse voltage	8KV	
Torque (N-m)	3.8	
Screw	M5	
Wire strip length	18mm	
Number of Positions		
ESK150V-XXP	02-09P	
ESK150VM-XXP	01-07P	



### ESK150VM-XXP

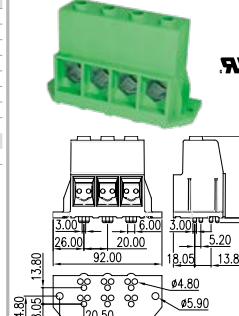
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	115A	125A
Solid (AWG/mm <sup>2</sup> )	20-2	0.5-35
Flexible (AWG/mm <sup>2</sup> )	20-2	0.5-35
Rated impulse voltage	8KV	
Torque (N-m)	3.8	
Screw	M5	
Wire strip length	18mm	
Number of Positions		
ESK150VM-XXP	01-07P	



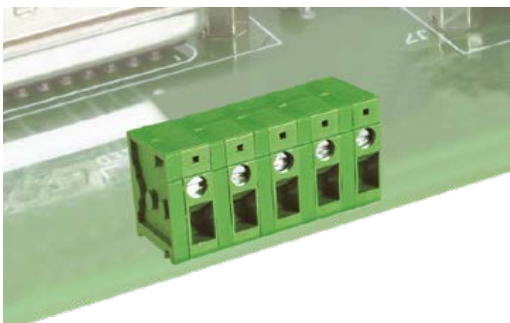
### 20.00mm

### ESK200VM-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	200A	232A
Solid (AWG/mm <sup>2</sup> )	6-3/0	16-95
Flexible (AWG/mm <sup>2</sup> )	6-3/0	25-95
Rated impulse voltage	8KV	
Torque (N-m)	M8	
Screw	M8	
Wire strip length	25-26mm	
Number of Positions		
ESK200VM-XXP	01-06P	



# Front Entry Screw Connection Terminal Blocks



Pitch: 5.00mm / 6.35mm / 7.50mm / 7.62mm / 10.00mm

- 2 pins on each pole for excellent stability on PCB.
- Versions with horizontal and vertical wire entry direction to the PCB.
- High current capacity up to 30A for 7.62mm pitch products.

5.00mm			5.00mm		
DT-123VA-XXP			DT-123RA-XXP		
Technical Data	UL	IEC	Technical Data	UL	IEC
Rated voltage	300V	300V	Rated voltage	300V	320V
Rated current	20A / 26A	24A	Rated current	20A / 26A	24A
Solid (AWG/mm <sup>2</sup> )	22-12	0.5-2.5	Solid (AWG/mm <sup>2</sup> )	22-12	0.5-2.5
Flexible (AWG/mm <sup>2</sup> )	22-12	0.5-2.5	Flexible (AWG/mm <sup>2</sup> )	22-12	0.5-2.5
Rated impulse voltage	4kV		Rated impulse voltage	4kV	
Torque (N-m)	0.5		Torque (N-m)	0.5	
Screw	M2.5		Screw	M2.5	
Wire strip length	13-14mm		Wire strip length	13-14mm	
Number of Positions			Number of Positions		
DT-123VA-XXP	02-24P		DT-123RA-XXP	02-24P	

7.50mm			7.50mm		
DT-123HVR-XXP			DT-123VA-XXP3		
Technical Data	UL	IEC	Technical Data	UL	IEC
Rated voltage	600V	750V	Rated voltage	300V	500V
Rated current	20A	24A	Rated current	20A / 26A	24A
Solid (AWG/mm <sup>2</sup> )	22-12	0.5-2.5	Solid (AWG/mm <sup>2</sup> )	22-12	0.5-2.5
Flexible (AWG/mm <sup>2</sup> )	22-12	0.5-2.5	Flexible (AWG/mm <sup>2</sup> )	22-12	0.5-2.5
Rated impulse voltage	8kV		Rated impulse voltage	6kV	
Torque (N-m)	0.5		Torque (N-m)	0.5	
Screw	M2.5		Screw	M2.5	
Wire strip length	13-14mm		Wire strip length	13-14mm	
Number of Positions			Number of Positions		
DT-123HVR-XXP	02-24P		DT-123VA-XXP3	02-24P	

7.50mm			7.50mm		
DT-123RA-XXP3			DT-123RA-XXP3		
Technical Data	UL	IEC	Technical Data	UL	IEC
Rated voltage	300V	320V	Rated voltage	300V	500V
Rated current	20A / 26A	24A	Rated current	20A / 26A	24A
Solid (AWG/mm <sup>2</sup> )	22-12	0.5-2.5	Solid (AWG/mm <sup>2</sup> )	22-12	0.5-2.5
Flexible (AWG/mm <sup>2</sup> )	22-12	0.5-2.5	Flexible (AWG/mm <sup>2</sup> )	22-12	0.5-2.5
Rated impulse voltage	4kV		Rated impulse voltage	6kV	
Torque (N-m)	0.5		Torque (N-m)	0.5	
Screw	M2.5		Screw	M2.5	
Wire strip length	13-14mm		Wire strip length	13-14mm	
Number of Positions			Number of Positions		
DT-123RA-XXP3	02-24P		DT-123RA-XXP3	02-24P	

6.35mm			DT-2301-XXP			DT-2300-XXP		
Technical Data	UL	IEC	Technical Data	UL	IEC	Technical Data	UL	IEC
Rated voltage	300V	450V	Rated voltage	300V	450V	Rated voltage	300V	450V
Rated current	30A	24A	Rated current	30A	24A	Rated current	30A	24A
Solid (AWG/mm <sup>2</sup> )	22-10	0.5-2.5	Solid (AWG/mm <sup>2</sup> )	22-10	0.5-2.5	Solid (AWG/mm <sup>2</sup> )	22-10	0.5-2.5
Flexible (AWG/mm <sup>2</sup> )	22-10	0.5-2.5	Flexible (AWG/mm <sup>2</sup> )	22-10	0.5-2.5	Flexible (AWG/mm <sup>2</sup> )	22-10	0.5-2.5
Rated impulse voltage	6kV		Rated impulse voltage	6kV		Rated impulse voltage	6kV	
Torque (N-m)	0.6		Torque (N-m)	0.6		Torque (N-m)	0.6	
Screw	M3		Screw	M3		Screw	M3	
Wire strip length	13-14mm		Wire strip length	13-14mm		Wire strip length	13-14mm	
Number of Positions			Number of Positions			Number of Positions		
DT-2301-XXP	02-16P		DT-2301-XXP	02-16P		DT-2300-XXP	02-16P	

7.62mm			DT-2321-XXP			DT-2320-XXP		
Technical Data	UL	IEC	Technical Data	UL	IEC	Technical Data	UL	IEC
Rated voltage	300V	450V	Rated voltage	300V	450V	Rated voltage	300V	450V
Rated current	30A	24A	Rated current	30A	24A	Rated current	30A	24A
Solid (AWG/mm <sup>2</sup> )	22-10	0.5-2.5	Solid (AWG/mm <sup>2</sup> )	22-10	0.5-2.5	Solid (AWG/mm <sup>2</sup> )	22-10	0.5-2.5
Flexible (AWG/mm <sup>2</sup> )	22-10	0.5-2.5	Flexible (AWG/mm <sup>2</sup> )	22-10	0.5-2.5	Flexible (AWG/mm <sup>2</sup> )	22-10	0.5-2.5
Rated impulse voltage	6kV		Rated impulse voltage	6kV		Rated impulse voltage	6kV	
Torque (N-m)	0.6		Torque (N-m)	0.6		Torque (N-m)	0.6	
Screw	M3		Screw	M3		Screw	M3	
Wire strip length	13-14mm		Wire strip length	13-14mm		Wire strip length	13-14mm	
Number of Positions			Number of Positions			Number of Positions		
DT-2321-XXP	02-16P		DT-2321-XXP	02-16P		DT-2320-XXP	02-16P	

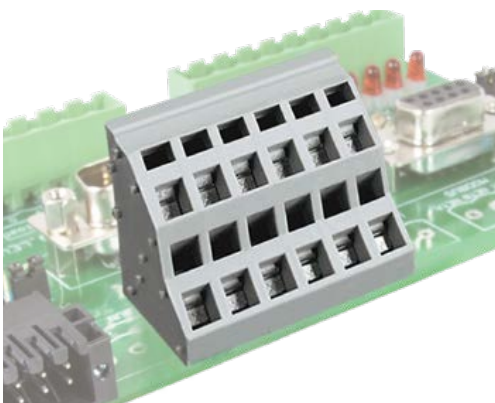
  

10.00mm			PDS-10-XX			PDS-10S-XX		
Technical Data	UL	IEC	Technical Data	UL	IEC	Technical Data	UL	IEC
Rated voltage	300V	630V	Rated voltage	300V	630V	Rated voltage	300V	630V
Rated current	65A	57A	Rated current	65A	57A	Rated current	65A	57A
Solid (AWG/mm <sup>2</sup> )	24-6	0.5-10	Solid (AWG/mm <sup>2</sup> )	24-6	0.5-10	Solid (AWG/mm <sup>2</sup> )	24-6	0.5-10
Flexible (AWG/mm <sup>2</sup> )	24-6	0.5-10	Flexible (AWG/mm <sup>2</sup> )	24-6	0.5-10	Flexible (AWG/mm <sup>2</sup> )	24-6	0.5-10
Rated impulse voltage	4kV		Rated impulse voltage	4kV		Rated impulse voltage	4kV	
Torque (N-m)	1.2		Torque (N-m)	1.2		Torque (N-m)	1.2	
Screw	M4		Screw	M4		Screw	M4	
Wire strip length	12-13mm		Wire strip length	12-13mm		Wire strip length	12-13mm	
Marking label	TM28		Marking label	TM28		Marking label	TM28	
Number of Positions			Number of Positions			Number of Positions		
PDS-10-XX	01P · 02P · 03P.....		PDS-10-XX	01P · 02P · 03P.....		PDS-10S-XX	01P · 02P · 03P.....	

10.00mm			PDS-10A-XX			PDS-10SA-XX		
Technical Data	UL	IEC	Technical Data	UL	IEC	Technical Data	UL	IEC
Rated voltage	300V	630V	Rated voltage	300V	630V	Rated voltage	300V	630V
Rated current	24-6	0.5-10	Rated current	24-6	0.5-10	Rated current	24-6	0.5-10
Solid (AWG/mm <sup>2</sup> )	24-6	0.5-10	Solid (AWG/mm <sup>2</sup> )	24-6	0.5-10	Solid (AWG/mm <sup>2</sup> )	24-6	0.5-10
Flexible (AWG/mm <sup>2</sup> )	24-6	0.5-10	Flexible (AWG/mm <sup>2</sup> )	24-6	0.5-10	Flexible (AWG/mm <sup>2</sup> )	24-6	0.5-10
Rated impulse voltage	4kV		Rated impulse voltage	4kV		Rated impulse voltage	4kV	
Torque (N-m)	1.2-1.5		Torque (N-m)	1.2-1.5		Torque (N-m)	1.2-1.5	
Screw	M4		Screw	M4		Screw	M4	
Wire strip length	12-13mm		Wire strip length	12-13mm		Wire strip length	12-13mm	
Marking label	TM28		Marking label	TM28		Marking label	TM28	
Number of Positions			Number of Positions			Number of Positions		
PDS-10A-XX	01P · 02P · 03P.....		PDS-10A-XX	01P · 02P · 03P.....		PDS-10SA-XX	01P · 02P · 03P.....	

# Spring Clamp Connection PCB Type Terminal Blocks



Pitch: 2.50mm / 5.00mm / 5.08mm /  
7.50mm / 10mm

UL Rated: 300V/4A~ 300V/57A

IEC Rated: 130V/6A~ 450V/76A

- Versions with single, double, triple and  
four-level PCB terminal blocks

- Colored marking of individual pole is  
available by request.

2.50mm		WKA250A-XXP		WKV250A-XXP		2.54mm		WKA254A-XXP		WKV254A-XXP																																																																																																																																		
<table border="1"> <tr><th>Technical Data</th><th>UL</th><th>IEC</th></tr> <tr><td>Rated voltage</td><td>300V</td><td>130V</td></tr> <tr><td>Rated current</td><td>4A</td><td>6A</td></tr> <tr><td>Solid (AWG/mm<sup>2</sup>)</td><td>28-20</td><td>0.5</td></tr> <tr><td>Flexible (AWG/mm<sup>2</sup>)</td><td></td><td>0.5</td></tr> <tr><td>Rated impulse voltage</td><td></td><td>2.5KV</td></tr> <tr><td>Torque (N-m)</td><td></td><td></td></tr> <tr><td>Screw</td><td></td><td></td></tr> <tr><td>Wire strip length</td><td colspan="2">5-6mm</td></tr> <tr><td>Number of Positions</td><td colspan="2"></td></tr> <tr><td>WKA250A-XXP</td><td colspan="2">02P - 03P - 04P.....</td></tr> <tr><td>WKV250A-XXP</td><td colspan="2">02P - 03P - 04P.....</td></tr> </table>	Technical Data	UL	IEC	Rated voltage	300V	130V	Rated current	4A	6A	Solid (AWG/mm <sup>2</sup> )	28-20	0.5	Flexible (AWG/mm <sup>2</sup> )		0.5	Rated impulse voltage		2.5KV	Torque (N-m)			Screw			Wire strip length	5-6mm		Number of Positions			WKA250A-XXP	02P - 03P - 04P.....		WKV250A-XXP	02P - 03P - 04P.....						<table border="1"> <tr><th>Technical Data</th><th>UL</th><th>IEC</th></tr> <tr><td>Rated voltage</td><td>300V</td><td>130V</td></tr> <tr><td>Rated current</td><td>4A</td><td>6A</td></tr> <tr><td>Solid (AWG/mm<sup>2</sup>)</td><td>28-20</td><td>0.5</td></tr> <tr><td>Flexible (AWG/mm<sup>2</sup>)</td><td></td><td>0.5</td></tr> <tr><td>Rated impulse voltage</td><td></td><td>2.5KV</td></tr> <tr><td>Torque (N-m)</td><td></td><td></td></tr> <tr><td>Screw</td><td></td><td></td></tr> <tr><td>Wire strip length</td><td colspan="2">5-6mm</td></tr> <tr><td>Number of Positions</td><td colspan="2"></td></tr> <tr><td>WKA254A-XXP</td><td colspan="2">02P - 03P - 04P.....</td></tr> <tr><td>WKV254A-XXP</td><td colspan="2">02P - 03P - 04P.....</td></tr> </table>	Technical Data	UL	IEC	Rated voltage	300V	130V	Rated current	4A	6A	Solid (AWG/mm <sup>2</sup> )	28-20	0.5	Flexible (AWG/mm <sup>2</sup> )		0.5	Rated impulse voltage		2.5KV	Torque (N-m)			Screw			Wire strip length	5-6mm		Number of Positions			WKA254A-XXP	02P - 03P - 04P.....		WKV254A-XXP	02P - 03P - 04P.....																																																																
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# PCB Terminal Blocks For Electronic Housing Applications




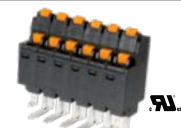

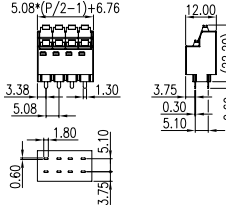
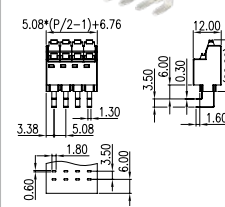
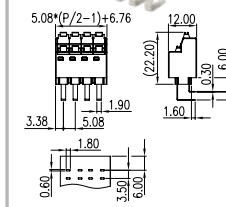
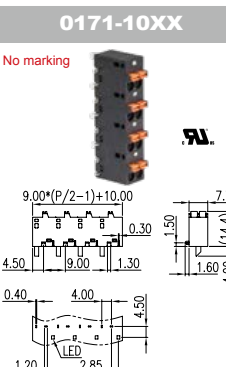
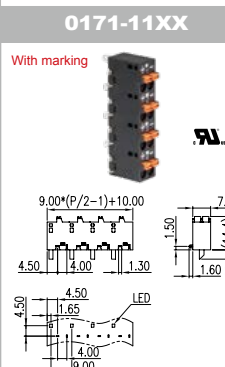
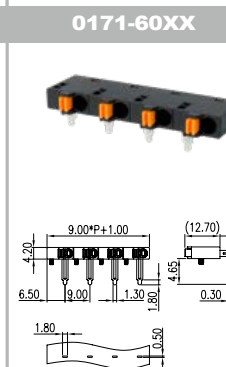
Pitch: 5.08mm / 9.00mm / 12.5mm

UL Rated: 300V / 8A, 300V / 15A




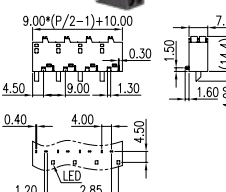
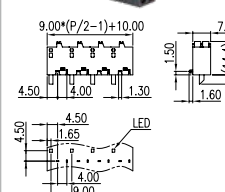
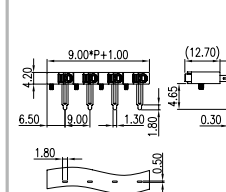
IEC Rated: 320V / 10A, 320V / 20A, 600V / 15A

The terminal block design aims to increase the density of connections on PCB while using as less space as possible, the terminal pins are situated at a right angle of the wire direction.



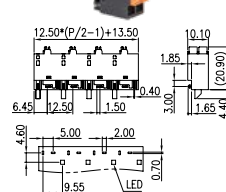
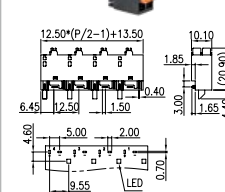
- Connection methods include elevated wire cage and PID (Push-in Design).
- Versions with LED light pipe on 0171 series.
- 5ESDT plug (p. 30) is the mating plug for 5EH-XXP sockets.

5.08mm		0228-21XX	0228-22XX	0228-23XX	
Technical Data	UL	IEC			
Rated voltage	300V	320V			
Rated current	8A	10A			
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5			
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5			
Rated impulse voltage		4KV			
Torque (N-m)					
Screw					
Wire strip length	8-9mm				
Number of Positions					
0228-21XX	04-40P				
0228-22XX	04-40P				
0228-23XX	04-40P				







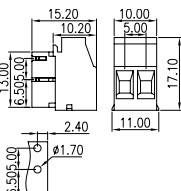
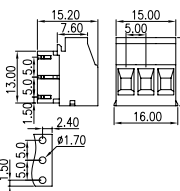
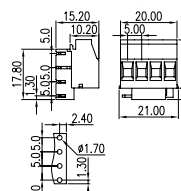
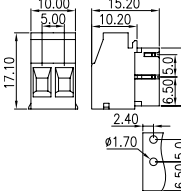
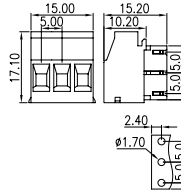
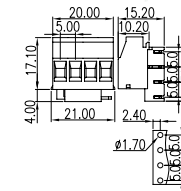
  







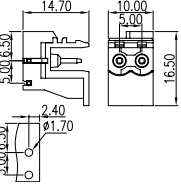
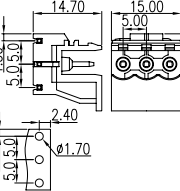
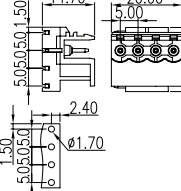
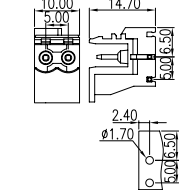
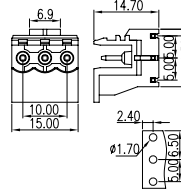
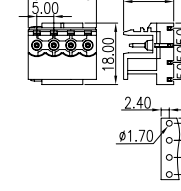
9.00mm		0171-10XX	0171-11XX	0171-60XX	
Technical Data	UL	IEC			
Number of Positions					
Rated voltage	300V	320V			
Rated current	300V	320V			
Rated current	300V	630V			
Rated current	8A	14A			
Rated current	8A	14A			
Rated current	8A	15A			
Solid (AWG/mm <sup>2</sup> )	28-16	0.2-1.5			
Flexible (AWG/mm <sup>2</sup> )	28-16	0.2-1.5			
Rated impulse voltage		4KV			
Rated impulse voltage		4KV			
Rated impulse voltage		6KV			
Torque (N-m)					
Screw					
Wire strip length	7-8mm				
Number of Positions					
0171-10XX	02-08P				
0171-11XX	02-08P				
0171-60XX	01-04P				



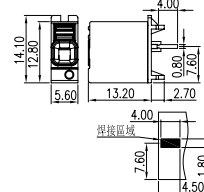
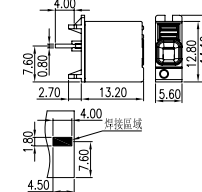
  


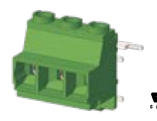
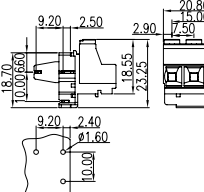
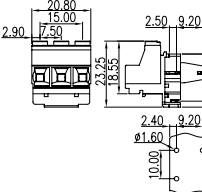
12.50mm		0171-20XX	0171-21XX	
Technical Data	UL	IEC		
Rated voltage	300V	320V		
Rated current	15A	20A		
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5		
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5		
Rated impulse voltage		4KV		
Torque (N-m)				
Screw				
Wire strip length	9-10mm			
Number of Positions				
0171-20XX	02-08P			
0171-21XX	02-08P			

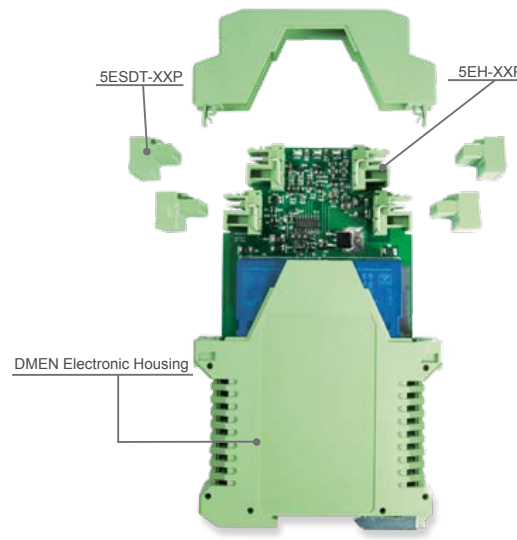


5.00mm			5ES-2PL	5ES-3PL	5ES-4PL	5ES-2PR	5ES-3PR	5ES-4PR
Technical Data	UL	IEC						
Rated voltage	300V	630V						
Rated current	10A	18A						
Solid (AWG/mm <sup>2</sup> )	22-14	0.2-2.5						
Flexible (AWG/mm <sup>2</sup> )	22-14	0.2-2.5						
Rated impulse voltage	2KV	4KV						
Torque (N-m)	0.4							
Screw	M2.5							
Wire strip length	7-8mm							
Number of Positions								
5ES-2PL		02P						
5ES-3PL		03P						
5ES-4PL		04P						
5ES-2PR		02P						
5ES-3PR		03P						
5ES-4PR		04P						

5.00mm			5EH-2PL	5EH-3PL	5EH-4PL	5EH-2PR	5EH-3PR	5EH-4PR
Technical Data	UL	IEC						
Rated voltage	300V	630V						
Rated current	15A	18A						
Solid (AWG/mm <sup>2</sup> )								
Flexible (AWG/mm <sup>2</sup> )								
Rated impulse voltage		4KV						
Torque (N-m)								
Screw								
Wire strip length								
Number of Positions								
5EH-2PL		02P						
5EH-3PL		03P						
5EH-4PL		04P						
5EH-2PR		02P						
5EH-3PR		03P						
5EH-4PR		04P						

5.00mm			0189-20XPL	0189-20XPR
Technical Data	UL	IEC		
Rated voltage	300	320		
Rated current	20	24		
Solid (AWG/mm <sup>2</sup> )	24-12	0.2-2.5		
Flexible (AWG/mm <sup>2</sup> )	24-12	0.2-2.5		
Rated impulse voltage		2KV		
Torque (N-m)				
Screw				
Wire strip length	10-11mm			
Number of Positions				
0189-20XPL		02-04P		
0189-20XPR		02-04P		

7.50mm			7ES-3PL	7ES-3PR
Technical Data	UL	IEC		
Rated voltage	300V	630V		
Rated current	20A	24A		
Solid (AWG/mm <sup>2</sup> )	30-12	0.2-2.5		
Flexible (AWG/mm <sup>2</sup> )	30-12	0.2-2.5		
Rated impulse voltage		6KV		
Torque (N-m)	0.4			
Screw	M2.5			
Wire strip length	7-8mm			
Number of Positions				
7ES-3PL		03P		
7ES-3PR		03P		



5ES and 5EH series terminal blocks are designed specifically for electronic housing DMEN type. 5ES series are PCB type terminal blocks, and is adopting elevated wire cage with screw connection. 5EH series are headers(sockets) which are compatible with 5ESDT plug (P. 29). Please pay attention to identify left and right side features when using this product range. Please visit [www.dinkle.com](http://www.dinkle.com) for more information on electronic housing DMEN type.

# Panel Feed-through Terminal Blocks

**Cross section: 4~95mm<sup>2</sup>**

**UL Rated: 300V / 30A ~ 600V / 230A**

**IEC Rated: 400V / 41A ~ 1000V / 232A**

- Screw connection with elevated wire cage on both sides of the terminal blocks.
- Easy installation, simply to engage the two terminal halves and then interlock them securely.
- Finger safe housing design.



Specification			PPACNV-10	Specification			PPACNV-10Z
Technical Data	UL	IEC	 	 			
Rated voltage	300V	500V					
Rated current	65A	76A					
Wire range (AWG/mm <sup>2</sup> )	24-6	0.5-16					
Rated impulse voltage	6KV						
Torque (N·m)	1.7						
Screw	M4						
Wire strip length	10mm						
Insulating material	PA						
Outer dimension T x H x W (mm)	10.1 x 30.5 x 31						
Inner dimension T x H x W (mm)	10.1 x 28.5 x 18						
Marking label	TM22						
Mounting panel	Plastic panel 500V						
	1.0~2.5mm 500V 2.5~4.0mm 320V						





Specification			PPAC-16	PPACV-16	PPACV-16Z
Technical Data	UL	IEC	 	 	 
Rated voltage	600V	500V			
Rated current	85A	101A			
Wire range (AWG/mm <sup>2</sup> )	22-4	0.5-25			
Rated impulse voltage	6KV				
Torque (N·m)	3.4				
Screw	M5				
Wire strip length	16mm				
Insulating material	PA				
Outer dimension T x H x W (mm)	12.1 x 40 x 34.6				
PPAC-16	12.1 x 39.7 x 38.1				
PPACV-16	12.1 x 38.1 x 28.9				
Marking label	TM28				
Mounting panel	Plastic panel 500V				
	1.0~2.5mm 500V 2.5~4.0mm 320V				

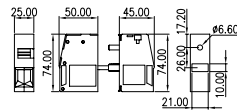
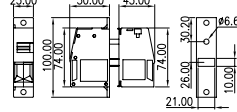
Specification			PPACN-4	PPACNV-4
Technical Data	UL	IEC	 	 
Rated voltage	300V	400V		
Rated current	30A	41A		
Wire range (AWG/mm <sup>2</sup> )	30~10	0.2-6		
Rated impulse voltage	6KV			
Torque (N·m)	0.6			
Screw	M3			
Wire strip length	9mm			
Insulating material	PA			
Outer dimension T x H x W (mm)	8.1 x 21 x 20			
PPACN-4	8.1 x 21 x 24.5			
Inner dimension T x H x W (mm)	8.1 x 21 x 15			
Marking label	TM22			
Mounting panel	Plastic panel 500V			
	1.0~2.5mm 400V 2.5~4.0mm 320V			

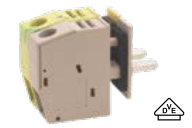



Specification			PPAC-25	PPAC-25MAS
Technical Data	UL	IEC	 	 
Rated voltage	600V	800V		
Rated current	115A	125A		
Wire range (AWG/mm <sup>2</sup> )	8-2	6-35		
Rated impulse voltage	6KV			
Torque (N·m)	3.4-3.9			
Screw	M5			
Wire strip length	19mm			
Insulating material	PA			
Outer dimension T x H x W (mm)	15.1 x 48.5 x 38.5			
PPAC-25	15.1 x 45 x 30			
Inner dimension T x H x W (mm)	15.1 x 45 x 30			
Marking label	TM28			
Mounting panel	Plastic panel 800V			
	5.0-6.0mm 630V 1.0-5.0mm 800V			

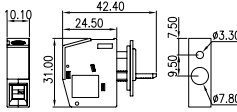
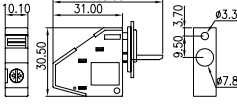
Specification			PPACN-10	Specification	PPACN-10Z
Technical Data	UL	IEC	 	 	
Rated voltage	300V	500V			
Rated current	65A	76A			
Wire range (AWG/mm <sup>2</sup> )	24-6	0.5-16			
Rated impulse voltage	6KV				
Torque (N·m)	1.7				
Screw	M4				
Wire strip length	10mm				
Insulating material	PA				
Outer dimension T x H x W (mm)	10.1 x 31 x 24.5				
PPACN-10	10.1 x 28.5 x 18				
Inner dimension T x H x W (mm)	10.1 x 28.5 x 18				
Marking label	TM22 / TM38				
Mounting panel	Plastic panel 500V				
	1.0~2.5mm 500V 2.5~4.0mm 320V				





Specification			PPAC-50	Specification	PPAC-50MAS
Technical Data	UL	IEC	 	 	
Rated voltage	600V	800V			
Rated current	150A	150A			
Wire range (AWG/mm <sup>2</sup> )	6-1/0	16-50			
Rated impulse voltage	8KV				
Torque (N·m)	5.9				
Screw	M6				
Wire strip length	24mm				
Insulating material	PA				
Outer dimension T x H x W (mm)	18.8 x 54 x 43				
PPAC-50	18.8 x 55 x 35				
Inner dimension T x H x W (mm)	18.8 x 55 x 35				
Marking label	TM28				
Mounting panel	Plastic panel 800V				
	1.0~2.5mm 800V 2.5~6.0mm 630V				

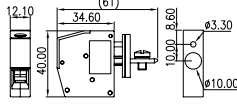
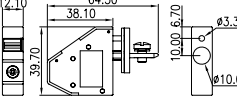
Specification			PPAC-95			Specification			PPAC-95M		
Technical Data	UL	IEC			Technical Data	UL	IEC				
Rated voltage	600V	630V			Rated voltage	600V	630V				
Rated current	230A	232A			Rated current	230A	232A				
Wire range (AWG/mm <sup>2</sup> )	4-4/0	25-95			Wire range (AWG/mm <sup>2</sup> )	4-4/0	25-95				
Rated impulse voltage	8KV				Rated impulse voltage	8KV					
Torque (N-m)	14.7				Torque (N-m)	14.7					
Screw	M8				Screw	M8					
Wire strip length	27mm				Wire strip length	27mm					
Insulating material	PA				Insulating material	PA					
Outer dimension T x H x W (mm)	25 x 74 x 50				Outer dimension T x H x W (mm)	25 x 100 x 50					
Inner dimension T x H x W (mm)	25 x 74 x 45		Inner dimension T x H x W (mm)	25 x 74 x 45							
Marking label	TM28		Marking label	TM28							
Mounting panel 1.0-5.0mm 630V 5.0-6.0mm 500V	Plastic panel 630V		Mounting panel 1.0-5.0mm 630V 5.0-6.0mm 500V		Plastic panel 630V						








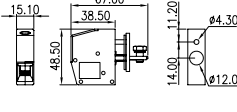
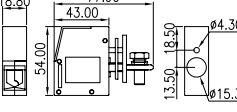
Specification			PPACN-10AS			Specification			PPACNV-10AS		
Technical Data	UL	IEC			Technical Data	UL	IEC				
Rated voltage	300V	400V			Rated voltage	300V	400V				
Rated current	65A	76A			Rated current	65A	76A				
Wire range (AWG/mm <sup>2</sup> )	24-6	0.5-16			Wire range (AWG/mm <sup>2</sup> )	24-6	0.5-16				
Rated impulse voltage	6KV				Rated impulse voltage	6KV					
Torque (N-m)	1.7				Torque (N-m)	1.7					
Screw	M4				Screw	M4					
Wire strip length	10mm				Wire strip length	10mm					
Insulating material	PA				Insulating material	PA					
Outer dimension T x H x W (mm)	10.1 x 31 x 24.5				Outer dimension T x H x W (mm)	10.1 x 30.5 x 31					
Inner dimension T x H x W (mm)	10.1 x 25 x 16.9		Inner dimension T x H x W (mm)	10.1 x 25 x 16.9							
Marking label	TM22		Marking label	TM22							








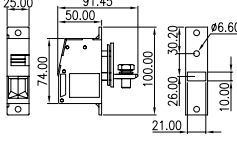
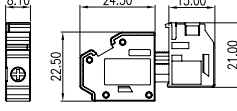
Specification			PPAC-16AS			Specification			PPACV-16AS		
Technical Data	UL	IEC			Technical Data	UL	IEC				
Rated voltage	300V	500V			Rated voltage	300V	500V				
Rated current	85A	101A			Rated current	85A	101A				
Wire range (AWG/mm <sup>2</sup> )	22-4	0.5-25			Wire range (AWG/mm <sup>2</sup> )	22-4	0.5-25				
Rated impulse voltage	6KV				Rated impulse voltage	6KV					
Torque (N-m)	2.9				Torque (N-m)	2.9					
Screw	M5				Screw	M5					
Wire strip length	16mm				Wire strip length	16mm					
Insulating material	PA				Insulating material	PA					
Outer dimension T x H x W (mm)	12.1 x 40 x 34.6				Outer dimension T x H x W (mm)	12.1 x 39.7 x 38.1					
Inner dimension T x H x W (mm)	12.1 x 26 x 25.4		Inner dimension T x H x W (mm)	12.1 x 26 x 25.4							
Marking label	TM28		Marking label	TM28							












Specification			PPAC-25AS			Specification			PPAC-50AS		
Technical Data	UL	IEC			Technical Data	UL	IEC				
Rated voltage	300V	400V			Rated voltage	300V / 600V	400V				
Rated current	115A	125A			Rated current	150A / 5A	150A				
Wire range (AWG/mm <sup>2</sup> )	8-2	6-35			Wire range (AWG/mm <sup>2</sup> )	6-1/0	16-50				
Rated impulse voltage	6KV				Rated impulse voltage	8KV					
Torque (N-m)	3.8-3.9	4			Torque (N-m)	6					
Screw	M5				Screw	M6					
Wire strip length	19mm				Wire strip length	24mm					
Insulating material	PA				Insulating material	PA					
Outer dimension T x H x W (mm)	15.1 x 48.5 x 38.5				Outer dimension T x H x W (mm)	18.8 x 54 x 43					
Inner dimension T x H x W (mm)	15.1 x 33.3 x 27.5		Inner dimension T x H x W (mm)	18.8 x 37 x 33.9							
Marking label	TM28		Marking label	TM28							








Specification			PPAC-95MAS			Specification			PPACNVH-4		
Technical Data	UL	IEC			Technical Data	UL	IEC				
Rated voltage	300V	630V			Rated voltage	300V	400V				
Rated current	230A	232A			Rated current	30A	41A				
Wire range (AWG/mm <sup>2</sup> )	4-4/0	25-95			Wire range (AWG/mm <sup>2</sup> )	30-10	0.2-6				
Rated impulse voltage	8KV				Rated impulse voltage	6KV					
Torque (N-m)	14.7	15			Torque (N-m)						
Screw	M8				Screw	M3					
Wire strip length	27mm				Wire strip length	9mm					
Insulating material	PA				Insulating material	PA					
Outer dimension T x H x W (mm)	25 x 100 x 50				Outer dimension T x H x W (mm)	8.1x22.5x24.5					
Inner dimension T x H x W (mm)	25 x 50 x 40.45		Inner dimension T x H x W (mm)	8.1x21x15							
Marking label	TM28		Marking label	TM22							

Specification			PPAC-16AS			Specification			PPACV-16AS		
Technical Data	UL	IEC			Technical Data	UL	IEC				
Rated voltage	300V	500V			Rated voltage	300V	500V				
Rated current	85A	101A			Rated current	85A	101A				
Wire range (AWG/mm <sup>2</sup> )	22-4	0.5-25			Wire range (AWG/mm <sup>2</sup> )	22-4	0.5-25				
Rated impulse voltage	6KV				Rated impulse voltage	6KV					
Torque (N-m)	2.9				Torque (N-m)	2.9					
Screw	M5				Screw	M5					
Wire strip length	16mm				Wire strip length	16mm					
Insulating material	PA				Insulating material	PA					
Outer dimension T x H x W (mm)	12.1 x 40 x 34.6				Outer dimension T x H x W (mm)	12.1 x 39.7 x 38.1					
Inner dimension T x H x W (mm)	12.1 x 26 x 25.4		Inner dimension T x H x W (mm)	12.1 x 26 x 25.4							
Marking label	TM28		Marking label	TM28							

Specification			PPAC-25AS			Specification			PPAC-50AS		
Technical Data	UL	IEC			Technical Data	UL	IEC				
Rated voltage	300V	400V			Rated voltage	300V / 600V	400V				
Rated current	115A	125A			Rated current	150A / 5A	150A				
Wire range (AWG/mm <sup>2</sup> )	8-2	6-35			Wire range (AWG/mm <sup>2</sup> )	6-1/0	16-50				
Rated impulse voltage	6KV				Rated impulse voltage	8KV					
Torque (N-m)	3.8-3.9	4			Torque (N-m)	6					
Screw	M5				Screw	M6					
Wire strip length	19mm				Wire strip length	24mm					
Insulating material	PA				Insulating material	PA					
Outer dimension T x H x W (mm)	15.1 x 48.5 x 38.5				Outer dimension T x H x W (mm)	18.8 x 54 x 43					
Inner dimension T x H x W (mm)	15.1 x 33.3 x 27.5		Inner dimension T x H x W (mm)	18.8 x 37 x 33.9							
Marking label	TM28		Marking label	TM28							

Specification			PPAC-95MAS			Specification			PPACNVH-4		
Technical Data	UL	IEC			Technical Data	UL	IEC				
Rated voltage	300V	630V			Rated voltage	300V	400V				
Rated current	230A	232A			Rated current	30A	41A				
Wire range (AWG/mm <sup>2</sup> )	4-4/0	25-95			Wire range (AWG/mm <sup>2</sup> )	30-10	0.2-6				
Rated impulse voltage	8KV				Rated impulse voltage	6KV					
Torque (N-m)	14.7	15			Torque (N-m)						
Screw	M8				Screw	M3					
Wire strip length	27mm				Wire strip length	9mm					
Insulating material	PA				Insulating material	PA					
Outer dimension T x H x W (mm)	25 x 100 x 50				Outer dimension T x H x W (mm)	8.1x22.5x24.5					
Inner dimension T x H x W (mm)	25 x 50 x 40.45		Inner dimension T x H x W (mm)	8.1x21x15							
Marking label	TM28		Marking label	TM22							

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