PCB terminal blocks and PCB connectors

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Connectors for flexible LED strips – PTF series

Webcode: #0938	Product range	Notes	Number of positions	Pitch	Current (A)	Voltage (V)	Connection direction
	PTF 0,3/..-WB	Connectors for flexible LED PCBs	2–4	For 8 mm and 10 mm-wide flexible LED strips	10 A / connector	24	0°
	PTF 0,3/..-BB	PCB connectors for flexible PCBs	4		10 A / connector	24	0°
	PTF 0,3/..-Flex	Connection PCBs	4	For 8 mm and 10 mm-wide flexible LED strips	10 A / element	24	0°

PCB terminal blocks and PCB connectors – PTSM series

Webcode: #0937	Product range	Notes	Number of positions	Pitch	Current (A)	Voltage (V)	Connection direction
	PTSM 0,5/…H-SMD	Higher voltage possible (IEC in accordance with II/2: 320 V), white, with latching	1–8	2.5	6	160	0°
	PTSM 0,5/…V-SMD	Higher voltage possible (IEC in accordance with II/2: 320 V), white, with latching	2–8	2.5	6	160	90°
	PTSM 0,5/..-P	Higher voltage possible (IEC in accordance with II/2: 320 V), white, with latching	2–8	2.5	6	160	0°
	PTSM 0,5/..-PI	Higher voltage possible (IEC in accordance with II/2: 320 V), white, with latching	2–8	2.5	6	160	0°
	PTSM 0,5/..-PL	Higher voltage possible (IEC in accordance with II/2: 320 V), white, with latching	2–8	2.5	6	160	0°
	PTSM 0,5/..-HH-SMD	Higher voltage possible (IEC in accordance with II/2: 320 V), white, with latching	2–8	2.5	6	160	0°
	PTSM 0,5/..-HV-SMD	Higher voltage possible (IEC in accordance with II/2: 320 V), white, with latching	2–8	2.5	6	160	90°
	PTSM 0,5/..-HTB-SMD	Higher voltage possible (IEC in accordance with II/2: 320 V), white, with latching	2–8	2.5	6	160	90°
	PTSM 0,5/..-HHI-SMD	Higher voltage possible (IEC in accordance with II/2: 320 V), white, with latching	2–8	2.5	6	160	0°

PCB terminal blocks and PCB connectors

PCB connectors with push-in spring connection

Web code: #0940	Product range	Notes	Number of positions	Pitch	Current (A)	Voltage (V)	Connection direction
	PTS 1,5/..-PH		2–12	5	12	400	0°
	PST 1,3/..-5,0-SF		2–12	5	12	400	90°
	PST 1,3/..-5,0	THR/wave soldering-capable	2–16	5	12	320	90°
	PTS 1,5/..H		2–12	5	12	400	0°

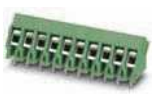
PCB terminal blocks with push-in spring connection

Web code: #0940	Product range	Notes	Number of positions	Pitch	Current (A)	Voltage (V)	Connection direction
	PTSA 0,5/…Z	Mixed pitches possible with PTSA 1,5, special versions on request	2–16	2.5	2	250	45°
	PTSA 1,5/…Z	Mixed pitches possible with PTSA 0,5, special versions on request	2–16	2.5	2	250	45°
	SPTAF 1/..-3,5 IL	Integrated release button	2–16	3.5 and 5.0	8	160	45°
	SPTAF 1/..-5,0 IL	Integrated release button	2–16	5.0	8	320	45°
	SPTAF 1/..-3,5 EL	Raised release button	2–16	3.5	8	160	45°
	SPTAF 1/..-5,0 EL	Raised release button	2–16	5.0	8	320	45°
	SPTAF 1/..-3,5-LL	Release button with locking function	2–16	3.5	8	160	45°
	SPTAF 1/..-5,0-LL	Release button with locking function	2–16	5.0	8	320	45°

PCB terminal blocks with push-in spring connection

Web code: #0942	Product range	Notes	Number of positions	Pitch	Current (A)	Voltage (V)	Connection direction
	SPT 1,5/..H-SMD	SMT soldering	2–12	3.5; 3.81; 5; 5.08	13.5	320	0°
	SPT 1,5/..V-SMD	SMT soldering	2–12	3.5; 3.81; 5; 5.08	13.5	320	90°

PCB terminal blocks with screw connection with wire guard

Web code: #0941	Product range	Notes	Number of positions	Pitch	Current (A)	Voltage (V)	Connection direction
	PT 1,5/..-H		2–16	3.5 and 5.0	16	400	0°
	PT 1,5/..-V		2–16	3.5 and 5.0	16	400	90°
	PTA 1,5		2–16	3.5 and 5.0	16	400	45°

Circular connectors

M12 circular connectors

Web code: #0964	Note	Number of pos.	Conductor cross section	Current (A)	Voltage (V)
	Flush-type connector, contact carrier socket, A-coded	4		4	250
	Flush-type connector with individual litz wires, socket, S-coded	3+PE	1.5 mm²	12	630
	Connector for field assembly, screw connection, pin, S-coded	3+PE	1.5 mm²	12	630
	Housing screw connection for M12 socket inserts, flat gasket, for all Speedcon-capable THR and wave soldering contact carriers				
	M12 housing screw connection with tolerance-compensating function, for straight, THR-capable M12 socket contact inserts, suitable for front plate panel thickness of 1.7 mm ... 2.5 mm				

Assembled M12 cables and QPD installation system

Web code: #0965	Note	Number of pos.	Conductor cross section	Current (A)	Voltage (V)	Length
	Power cable, straight M12 SPEEDCON connector, S-coded on free end of cable	4	1.5 mm²	12	630	2.0 m
	Sensor/actuator cable, various cable types and lengths, straight M12 connector, A-coded, straight M12 to socket, A-coded	4	Variable	4	250	Variable
	Pre-assembled cable with QUICKON connectors, with 5 x 2.5 PVC cable	4+PE	2.5 mm²	20	690	1.0 m

Circular connectors with screw connection – PRC series

Web code: #0200	Note	Number of positions	Conductor cross section	Current (A)	Voltage (V)
	Connector with screw connection, for cable diameters from 10 mm ... 12 mm	5	1.5 mm² ... 6 mm²	30	630
	Device connector with litz wires, cable length 150 mm	5	2.5 mm² litz wire	30	630
	Connector with screw connection, for cable diameters from 8 mm ... 12 mm	3	1.5 mm² ... 6 mm²	30	630
	Device connector with litz wires, cable length 150 mm	3	2.5 mm² litz wire	30	630
	Device connectors, contact carriers for crimp contacts	3	For 2.5 ... 6 mm² crimp contacts	30	630
	Crimp contact for 2.5 mm² conductor cross section		2.5 mm²	30	630

Installation system with IDC fast connection – QPD series

Web code: #0963	Note	Number of positions	Conductor cross section	Current (A)	Voltage (V)
	H-distributor, for 4-9 mm cable diameters	2+PE	0.5-1.5 mm² / AWG 20-16	17.5	690
	H-distributor, for 5-10 mm cable diameters	4+PE	0.5-1.5 mm² / AWG 20-16	17.5	690
	T-distributor, for 4-9 mm cable diameters	2+PE	0.5-1.5 mm² / AWG 20-16	17.5	690
	Cable connector, for 4-9 mm cable diameters	2+PE	0.5-1.5 mm² / AWG 20-16	17.5	690
	Cable connector, for 5-10 mm cable diameters	4+PE	0.5-1.5 mm² / AWG 20-16	17.5	690
	Panel feed-through, solder or spade connection	2+PE	0.5-1.5 mm² / AWG 20-16	17.5	690
	Panel feed-through, litz wires	4+PE	0.5-1.5 mm² / AWG 20-16	17.5	690
	Panel feed-through, litz wires	2+PE	0.5-1.5 mm² / AWG 20-16	17.5	690
	Connectors, for 4-9 mm cable diameters	2+PE	0.5-1.5 mm² / AWG 20-16	17.5	690

Electronics housings and surge protective devices

Basic housings for universal applications – EH series

Web code: #0387	Note	Housing width in mm	Color
	Tall design	22.5 / 35 / 45 / 52.5 / 67.5 / 70 / 90	Light gray
	Tall design	22.5 / 35 / 45 / 52.5 / 67.5 / 70 / 90	Black
	Upper part, both sides open	22.5 / 35 / 45 / 52.5 / 67.5 / 70 / 90	Light gray
	Upper part, one side open	22.5 / 35 / 45 / 52.5 / 67.5 / 70 / 90	Black
	Flat design	22.5 / 35 / 45 / 52.5 / 67.5 / 70 / 90	Light gray
	Flat design	22.5 / 35 / 45 / 52.5 / 67.5 / 70 / 90	Black
	Upper part, both sides open	22.5 / 35 / 45 / 52.5 / 67.5 / 70 / 90	Light gray
	Upper part, one side open	22.5 / 35 / 45 / 52.5 / 67.5 / 70 / 90	Black
	Left MSTBO header, 4-pos.	22.5 / 35 / 45 / 52.5 / 67.5 / 70 / 90	Green
	Right MSTBO header, 4-pos.	22.5 / 35 / 45 / 52.5 / 67.5 / 70 / 90	Green

Modular building installation housings – BC series

Web code: #0311	Note	Housing width in mm	Terminal installation depth in mm
	Lower part	17.8 / 35.6 / 53.6 / 71.6 / 107.6 / 161.6	
	Upper part	17.8 / 35.6 / 53.6 / 71.6 / 107.6 / 161.6	11/22
	Cover, permanently snapped in	17.8 / 35.6 / 53.6 / 71.6 / 107.6 / 161.6	
	Cover, transparent with fitted cover	17.8 / 35.6 / 53.6 / 71.6 / 107.6 / 161.6	
	HBUS connector, 16-pos.	17.8 / 35.6 / 53.6 / 71.6 / 107.6 / 161.6	
	HBUS power connector, 16-pos., 500 mm cable length		22 mm

Surge protective devices

Web code: #0926	Name	Note	Nominal voltage	Rated load current	Nominal discharge current	Voltage protection level
	BLT-T2	Insulation class II	100–277 V AC	16 A	5 kA	1.3 kV class
	BLT-T2-1S	Insulation class I	100–277 V AC	16 A	5 kA	1.3 kV class
	VAL-MS-T1/T2		240/415 V AC (TN-S)	80 A	12.5 kA	≤ 1.2 kV