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Find the *Phoenix Contact KGS-MSTB 2,5/10* at our website: *Click HERE*

PCB terminal block - PT 1,5/ 8-PVH-5,0-A - 1935077

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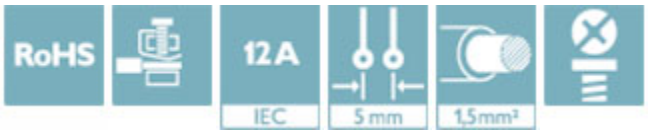
PCB connector, nominal current: 12 A, rated voltage (III/2): 400 V, nominal cross section: 1.5 mm², number of positions: 8, pitch: 5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin



The figure shows a 10-position version of the product

Your advantages

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- High terminal block capacity thanks to rectangular terminal block space
- Allows connection of two conductors
- Horizontal and vertical connection option for optimum conductor routing
- Items that can be aligned in various pitches support flexible and space-saving PCB assembly



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
GTIN	4 017918 916848
GTIN	4017918916848
Weight per Piece (excluding packing)	9.500 g
Custom tariff number	85366990
Country of origin	China

Technical data

Item properties

Brief article description	PCB connector
Plug-in system	COMBICON COMPACT PST 1,3

PCB terminal block - PT 1,5/ 8-PVH-5,0-A - 1935077

Technical data

Item properties

Type of contact	Female connector
Range of articles	PT 1,5/..-PVH-A
Pitch	5 mm
Number of positions	8
Connection method	Screw connection with wire protector
Drive form screw head	Philipps recess with slotted Torx (H1L)
Screw thread	M2,6
Locking	without
Number of levels	1
Number of connections	8
Number of potentials	8

Electrical parameters

Nominal current	12 A
Nom. voltage	400 V
Rated voltage	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

Connection capacity

Connection method	Screw connection with wire protector
pluggable	Yes
Conductor cross section solid	0.2 mm² ... 2.5 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG / kcmil	26 ... 14
Conductor cross section flexible, with ferrule without plastic sleeve	0.25 mm² ... 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.25 mm² ... 1.5 mm²
2 conductors with same cross section, solid	0.2 mm² ... 0.75 mm²
2 conductors with same cross section, flexible	0.2 mm² ... 0.75 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² ... 0.34 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 0.75 mm²
Stripping length	5 mm
Torque	0.4 Nm ... 0.4 Nm

Material data - contact

PCB terminal block - PT 1,5/ 8-PVH-5,0-A - 1935077

Technical data

Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Metal surface terminal point (top layer)	Tin (4 - 8 µm Sn)
Metal surface contact area (top layer)	Tin (4 - 8 µm Sn)

Material data - housing

Housing color	green (6021)
Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0
Glow wire flammability index GWFI according to EN 60695-2-12	850
Glow wire ignition temperature GWIT according to EN 60695-2-13	775
Temperature for the ball pressure test according to EN 60695-10-2	125 °C

Dimensions for the product

Length [l]	11.4 mm
Width [w]	40 mm
Height [h]	11.4 mm
Pitch	5 mm
Height (without solder pin)	11.4 mm

Packaging information

Type of packaging	packed in cardboard
Pieces per package	100
Denomination packing units	Pcs.

Air clearances and creepage distances

Clearances and creepage distances	IEC 60664-1:2007-04
Specification	IEC 60664-1:2007-04
Minimum clearance - inhomogeneous field (III/3)	3 mm
Minimum clearance - inhomogeneous field (III/2)	3 mm
Minimum clearance - inhomogeneous field (II/2)	3 mm
Minimum creepage distance value (III/3)	3.2 mm
Minimum creepage distance value (III/2)	3 mm
Minimum creepage distance value (II/2)	3.2 mm
Note on connection cross section	With connected conductor 2.5 mm² (solid).

Environmental Product Compliance

PCB terminal block - PT 1,5/ 8-PVH-5,0-A - 1935077

Technical data

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Accessories

Accessories

Coding element

Coding profile - CP-PT 1,5 - 1985564



Coding profile, inserted into the hole on the plug, made from red insulating material, diameter: 1.35 mm

Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... (99)100, mounting type: adhesive, for terminal block width: 5 mm, lettering field size: 5 x 3.8 mm

Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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