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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 8, Connection method: Front screw connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90 °, Color: green, The article can be aligned to create different nos. of positions!

The illustration shows the 10-position version

Product Features

- Voltage can be increased by using pitch spacers
- Two solder pins for a high level of stability on the PCB
- For flush installation on the front of devices











Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	29.0 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	18.5 mm
Pitch	5.00 mm
Dimension a	35 mm
Constructional height	20 mm
Height	31 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	5 mm
Hole diameter	1.2 mm



Technical data

General

Range of articles	FRONT 2,5-V/SA 5
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	24 A
Nominal cross section	2.5 mm²
Maximum load current	17.5 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	9 mm
Number of positions	8
Screw thread	M2,5
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.75 mm²



Technical data

Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals



Approvals

Nominal voltage UN

250 V

Approvals						
CSA / UL Recognized / cUL R	Recognized / EAC / E	EAC / cULus Recognize	ed			
Ex Approvals						
Approvals submitted						
Approval details						
CSA 👀						
		В		D		
mm²/AWG/kcmil		24-12		24-12	24-12	
Nominal current IN		10 A		10 A	10 A	
Nominal voltage UN		300 V		300 V		
UL Recognized S						
	В		С		D	
mm²/AWG/kcmil	30-12		30-12		30-12	
Nominal current IN	10 A		17 A		10 A	
Nominal voltage UN	250 V		300 V		300 V	
cUL Recognized A						
	В		С		D	
mm²/AWG/kcmil	30-12		30-12		30-12	
Nominal current IN	10 A		17 A		10 A	

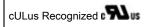
EAC	

300 V

300 V



Approvals



Accessories

Accessories

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: 5 x 3.8 mm

Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 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

Terminal marking



Accessories

Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 3.8 mm

Marker card - SK 5/3,8:UNBEDRUCKT - 0805409



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

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