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Device terminal block, for direct mounting, 6-pos.

The illustration shows a combination of versions G 5/2, G 5/3 and G 5/4

Product Features



Key commercial data

Packing unit	1 PCE
GTIN	4 017918 061807
Custom tariff number	85369010
Country of origin	POLAND

Technical data

General

Number of levels	1
Number of connections	12
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V2

Dimensions

Width	52 mm
Length	22 mm
Height	24 mm

General



Technical data

General

Maximum load current	32 A (with 4 mm² conductor cross section)	
Rated surge voltage	6 kV	
Pollution degree	3	
Surge voltage category	III	
Insulating material group	I	
Connection in acc. with standard	IEC 60947-7-1/IEC 60998	
Nominal current I _N	32 A	
Nominal voltage U _N	500 V	
Number of positions	6	
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11	
Back of the hand protection	guaranteed	
Finger protection	guaranteed	
Surge voltage test setpoint	7.3 kV	
Result of surge voltage test	Test passed	
Power frequency withstand voltage setpoint	6 kV	
Result of power-frequency withstand voltage test	Test passed	
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed	
Bending test rotation speed	10 rpm	
Bending test turns	135	
Bending test conductor cross section/weight	0.2 mm² / 0.2 kg 4 mm² / 0.9 kg	
Result of bending test	Test passed	
Conductor cross section tensile test	0.2 mm²	
Tractive force setpoint	10 N	
Conductor cross section tensile test	4 mm²	
Tractive force setpoint	60 N	
Tensile test result	Test passed	
Requirements, voltage drop	≤ 3.2 mV	
Result of voltage drop test	Test passed	
Temperature-rise test	Test passed	
Conductor cross section short circuit testing	4 mm ²	
Short-time current	0.48 kA	
Short circuit stability result	Test passed	
Proof of thermal characteristics (needle flame) effective duration	30 s	
Result of thermal test	Test passed	

Connection data



Technical data

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
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.	1.5 mm²
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141106
eCl@ss 4.1	27141106
eCl@ss 5.0	27141106
eCl@ss 5.1	27141106



Classifications

eCl@ss

eCl@ss 6.0	27141106
eCl@ss 7.0	27141106
eCl@ss 8.0	27141106

ETIM

ETIM 2.0	EC001284
ETIM 3.0	EC001284
ETIM 4.0	EC001284
ETIM 5.0	EC001284

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

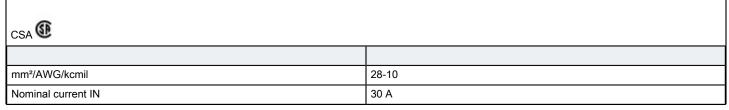
Approvals

 ${\tt CSA\,/\,UL\,\,Recognized\,/\,\,GUST\,/\,\,GL\,/\,\,RS\,/\,\,PRS\,/\,\,NK\,/\,\,GOST\,/\,\,cULus\,\,Recognized}$

Ex Approvals

Approvals submitted

Approval details





Approvals

cULus Recognized • Sus

Approvals		
Nominal voltage UN	300 V	
51		
UL Recognized \$\)		
2/4/4/0// ''	20.40	
mm²/AWG/kcmil	26-10	
Nominal current IN	30 A	
Nominal voltage UN	300 V	
cUL Recognized • 1		
mm²/AWG/kcmil	26-10	
Nominal current IN	30 A	
Nominal voltage UN	300 V	
-		
GOST 🕙		
GL		
RS		
PRS		
NK		
GOST 💽		



Accessories

Accessories

Marking

Marker for terminal blocks - BN WH - 1401404



Marker for terminal blocks, Stud, white, Unlabeled, Can be labeled with: Marker pen, Mounting type: Plug in, For terminal block width: 4.2 mm, Lettering field: 4 x 4 mm

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

Drawings

