

Protective conductor double-level terminal block - STTBS 2,5-PE - 3038480

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Protective conductor double-level terminal block, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Connection type: Spring-cage connection, Width: 5.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

Product Features

- ✓ Two large-surface labeling options



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	17.556 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	2
Number of connections	4
Nominal cross section	2.5 mm ²
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-2
Open side panel	ja

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Technical data

General

Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Oscillation, broadband noise test result	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 2, bogie mounted
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$
ASD level	$6.12 \text{ (m/s}^2\text{)}^2/\text{Hz}$
Acceleration	3.12 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Shock test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Relative insulation material temperature index (Elec.; UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C

Dimensions

Width	5.2 mm
Length	78 mm
Height NS 35/7,5	55 mm
Height NS 35/15	62.5 mm

Connection data

Note	Please observe the current carrying capacity of the DIN rails.
Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.08 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm ²

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Connection data

Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A3

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-2
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141
eCl@ss 9.0	27141141

ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901

UNSPSC

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

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Approvals

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CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / LR / GL / BV / RS / ABS / KR / NK / IECEx CB Scheme / EAC / EAC / cULus Recognized

Ex Approvals

ATEX / IECEx / EAC Ex

Approvals submitted

Approval details

CSA 	
mm²/AWG/kcmil	28-12

UL Recognized 	
mm²/AWG/kcmil	28-12

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.2-2.5

cUL Recognized 	
mm²/AWG/kcmil	28-12

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Approvals

LR
GL
BV
RS
ABS
KR
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IECEE CB Scheme 
EAC
EAC
cULus Recognized 

Drawings

Circuit diagram

