

Ground modular terminal block - PTPOWER 50-PE - 3260052

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Ground modular terminal block, Connection method: Power-Turn connection, Cross section: 10 mm² - 70 mm², AWG: 8 - 2/0, Width: 20 mm, Color: green-yellow, Mounting type: NS 35/15

Product Features

- Quick and easy connection is now also possible for large conductors with the high-current terminal block
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design enables wiring in a confined space
- In addition to using the existing test connection, pick-off terminal blocks can be connected, each of which can also accommodate two test cables



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	198.0 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	50 mm ²
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III

Ground modular terminal block - PTPOWER 50-PE - 3260052

Technical data

General

Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Open side panel	No
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	20 mm
Length	101 mm
Height NS 35/15	105 mm

Connection data

Note	Use an appropriate NS 35... copper or aluminum DIN rail for connection cross sections > 35 mm ² /2 AWG.
Connection method	Power-Turn connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	10 mm ²
Conductor cross section solid max.	70 mm ²
Conductor cross section AWG min.	8

Ground modular terminal block - PTPOWER 50-PE - 3260052

Technical data

Connection data

Conductor cross section AWG max.	2/0
Conductor cross section flexible min.	10 mm ²
Conductor cross section flexible max.	70 mm ²
Min. AWG conductor cross section, flexible	8
Max. AWG conductor cross section, flexible	2/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	10 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	50 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	10 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	50 mm ²
Cross section with insertion bridge solid min.	10 mm ²
Cross section with insertion bridge, solid max.	50 mm ²
Cross section with insertion bridge stranded min.	10 mm ²
Cross section with insertion bridge, stranded max.	50 mm ²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	10 mm ²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve max.	50 mm ²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	10 mm ²
Cross section with insertion bridge stranded, with ferrule with plastic sleeve max.	50 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	16 mm ²
Cross section with insertion bridge, solid max.	50 mm ²
Cross section with insertion bridge, stranded max.	50 mm ²
Stripping length	30 mm
Internal cylindrical gage	A10

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 8.0	27141141

Ground modular terminal block - PTPOWER 50-PE - 3260052

Classifications

eCl@ss

eCl@ss 9.0	27141141
------------	----------

ETIM

ETIM 5.0	EC000901
----------	----------

Approvals

Approvals


Approvals


CSA / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

CSA 		
	B	C
mm ² /AWG/kcmil	8-1/0	8-1/0
Nominal voltage UN	600 V	1000 V

UL Recognized 	
mm ² /AWG/kcmil	8-1/0
Nominal voltage UN	1000 V

Ground modular terminal block - PTPOWER 50-PE - 3260052

Approvals

cUL Recognized 	
	C
mm ² /AWG/kcmil	8-1/0
Nominal voltage UN	1000 V

cULus Recognized 	
--	--

Drawings

Circuit diagram

