

Ground modular terminal block - MPT 1,5/S/1P-PE - 3248117

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: Push-in connection, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Color: green-yellow, Mounting type: NS 15

Product Features

- ☒ Tested for railway applications



Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	3.2 GRM
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

Ground modular terminal block - MPT 1,5/S/1P-PE - 3248117

Technical data

General

Connection in acc. with standard	IEC 61984
Open side panel	ja
Insertion/withdrawal cycles mechanical	100
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$0.964 \text{ (m/s}^2\text{)}^2/\text{Hz}$
Acceleration	0.58g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

Dimensions

Width	3.5 mm
Length	33.55 mm
Height NS 15	28.1 mm

Connection data

Note	Bitte beachten Sie die Strombelastbarkeit der Tragschienen.
Connection in acc. with standard	IEC 61984
Connection method	Push-in connection
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	14

Ground modular terminal block - MPT 1,5/S/1P-PE - 3248117

Technical data

Connection data

Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm ²
Stripping length	8 mm
Internal cylindrical gage	A1 / B1

Classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141141
eCl@ss 5.1	27141141
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141

ETIM

ETIM 3.0	EC001329
ETIM 4.0	EC000902
ETIM 5.0	EC000901

UNSPSC

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

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

Ground modular terminal block - MPT 1,5/S/1P-PE - 3248117

Approvals

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm²/AWG/kcmil	26-14

UL Recognized 			
	B	C	D
mm²/AWG/kcmil	26-14	26-14	26-14

cUL Recognized 			
	B	C	D
mm²/AWG/kcmil	26-14	26-14	26-14

cULus Recognized 			
--	--	--	--

Drawings

Circuit diagram

