

Protective conductor terminal - XTV 16-PE



1329674

<https://www.phoenixcontact.com/gb/products/1329674>

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 documentation. Our General Terms of Use for Downloads are valid.



Protective conductor terminal, number of connections: 2, number of positions: 1, connection method: Push-X-connection, Rated cross section: 16 mm², cross section: 2.5 mm² - 25 mm², mounting type: NS 35/7,5, NS 35/15, color: green/yellow

Your advantages

- Fast, powerless conductor connection for all conductor types with the pretensioned contact spring
- A high level of flexibility when inserting conductors enables conductors with or without ferrules to be connected easily
- Clear conductor connection with the lateral connection direction and the clear pusher position
- Easy procurement of information – the QR code on the terminal block provides all important information about the product
- Terminal blocks with Push-X connection are part of the COMPLETE line system

Protective conductor terminal - XTV 16-PE



1329674

<https://www.phoenixcontact.com/gb/products/1329674>

Commercial Data

Item number	1329674
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	BE2521
Product Key	BE2521
GTIN	4063151625320
Weight per Piece (including packing)	53.86 g
Weight per Piece (excluding packing)	52.5 g
Customs tariff number	85369010
Country of origin	CN

Protective conductor terminal - XTV 16-PE



1329674

<https://www.phoenixcontact.com/gb/products/1329674>

Technical Data

Product properties

Product type	Ground terminal block
Number of positions	1
Area of application	Railway industry
	Machine building
	Plant engineering
Number of connections	2
Number of rows	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Connection data

Number of connections per level	2
Stripping length	18 mm ... 20 mm
Internal cylindrical gage	A7
	B7
Conductor cross section solid	2.5 mm ² ... 25 mm ²
Cross section AWG	14 ... 4
Conductor cross section flexible	4 mm ² ... 25 mm ²
Conductor cross section, flexible [AWG]	12 ... 4
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	2.5 mm ² ... 16 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	2.5 mm ² ... 16 mm ²
Nominal cross section	16 mm ²

Dimensions

Width	12.2 mm
Height	49.8 mm
Height NS 35/15	58.8 mm
Height NS 35/7,5	51.3 mm
Length	77.2 mm

Material specifications

Color	green/yellow
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3

Protective conductor terminal - XTV 16-PE



1329674

<https://www.phoenixcontact.com/gb/products/1329674>

Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

Mechanical data

Open side panel	Yes
-----------------	-----

Environmental and real-life conditions

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Spectrum	Service life test category 2, bogie-mounted
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	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

Shocks

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-2
----------------------------------	---------------

Mounting

Mounting type	NS 35/7,5
---------------	-----------

Protective conductor terminal - XTV 16-PE



1329674

<https://www.phoenixcontact.com/gb/products/1329674>

	NS 35/15
--	----------

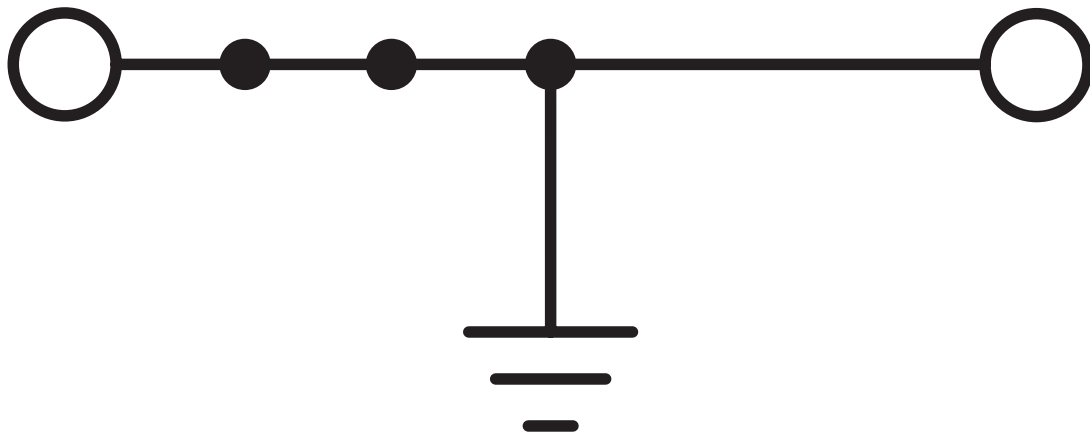
Protective conductor terminal - XTV 16-PE

1329674

<https://www.phoenixcontact.com/gb/products/1329674>

Drawings

Circuit diagram



Protective conductor terminal - XTV 16-PE



1329674

<https://www.phoenixcontact.com/gb/products/1329674>

Approvals

 cULus Recognized Approval ID: E60425				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B			10 - 4	-
Use group C			10 - 4	-

Protective conductor terminal - XTV 16-PE



1329674

<https://www.phoenixcontact.com/gb/products/1329674>

Classifications

ECLASS

ECLASS-11.0	27141141
-------------	----------

ETIM

ETIM 8.0	EC000901
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

Phoenix Contact 2022 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk