

XTV 6-QUATTRO-PE - Protective conductor terminal block



1329513

<https://www.phoenixcontact.com/us/products/1329513>

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 block, number of connections: 4, number of positions: 1, connection method: Push-X-connection, Rated cross section: 6 mm², cross section: 0.5 mm² - 10 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

Push-X Technology 
Designed by Phoenix Contact

Commercial data

Item number	1329513
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE25
Product key	BE2523
GTIN	4063151624330
Weight per piece (including packing)	34.85 g
Weight per piece (excluding packing)	33 g
Customs tariff number	85369010
Country of origin	CN

XTV 6-QUATTRO-PE - Protective conductor terminal block



1329513

<https://www.phoenixcontact.com/us/products/1329513>

Technical data

Product properties

Product type	Ground terminal block
Product family	XTV
Area of application	Railway industry
	Machine building
	Plant engineering
Number of positions	1
Number of connections	4
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	0 W

Connection data

Grounding foot	Yes
Number of connections per level	4
Nominal cross section	6 mm ²
Connection method	Push-X-connection
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A5
	B4
Connection in acc. with standard	IEC 60947-7-2
Conductor cross-section rigid	0.5 mm ² ... 10 mm ²
Cross section AWG	20 ... 8 (converted acc. to IEC)
Conductor cross-section flexible	1.5 mm ² ... 10 mm ²
Conductor cross-section, flexible [AWG]	14 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm ² ... 6 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	1.5 mm ² ... 6 mm ²
Nominal cross section	6 mm ²

Dimensions

Width	8.2 mm
End cover width	2.2 mm
Height	90.6 mm
Depth	57.6 mm
Depth on NS 35/7,5	59.1 mm

XTV 6-QUATTRO-PE - Protective conductor terminal block



1329513

<https://www.phoenixcontact.com/us/products/1329513>

Depth on NS 35/15	66.6 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
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	Long life test category 2, bogie-mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$
ASD level	6.12 (m/s ²) ² /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 ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
---------------------------------	--

XTV 6-QUATTRO-PE - Protective conductor terminal block



1329513

<https://www.phoenixcontact.com/us/products/1329513>

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 (operation)	20 % ... 90 %
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
	NS 35/15

XTV 6-QUATTRO-PE - Protective conductor terminal block



1329513

<https://www.phoenixcontact.com/us/products/1329513>

Drawings

Circuit diagram



XTV 6-QUATTRO-PE - Protective conductor terminal block





1329513

<https://www.phoenixcontact.com/us/products/1329513>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1329513>

 CSA Approval ID: 158887				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B	-	-	14 - 8	-
C	-	-	14 - 8	-

 cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B	-	-	14 - 8	-
C	-	-	14 - 8	-

DNV Approval ID: TAE000050T				
---------------------------------------	--	--	--	--

XTV 6-QUATTRO-PE - Protective conductor terminal block



1329513

<https://www.phoenixcontact.com/us/products/1329513>

Classifications

ECLASS

ECLASS-13.0	27250103
ECLASS-15.0	27250103

ETIM

ETIM 10.0	EC000901
-----------	----------

UNSPSC

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

XTV 6-QUATTRO-PE - Protective conductor terminal block



1329513

<https://www.phoenixcontact.com/us/products/1329513>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com