

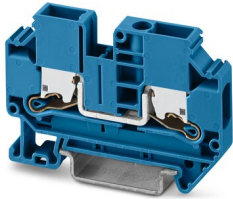
Feed-through terminal block - XTV 6 BU



1329494

<https://www.phoenixcontact.com/gb/products/1329494>

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Feed-through terminal block, nom. voltage: 1000 V, nominal current: 41 A, connection method: Push-X-connection, Rated cross section: 6 mm², cross section: 1.5 mm² - 10 mm², mounting type: NS 35/7,5, NS 35/15, color: blue

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

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Commercial Data

Item number	1329494
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	BE2511
Product Key	BE2511
GTIN	4063151623791
Weight per Piece (including packing)	17.2 g
Weight per Piece (excluding packing)	17.2 g
Customs tariff number	85369010
Country of origin	CN

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Technical Data

Product properties

Product type	Feed-through 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

Electrical properties

Rated surge voltage	8 kV
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Connection data

Number of connections per level	2
Nominal cross section	6 mm ²
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A5
	B4
Conductor cross section solid	1.5 mm ² ... 10 mm ²
Cross section AWG	16 ... 8
Conductor cross section flexible	1.5 mm ² ... 6 mm ²
Conductor cross section, flexible [AWG]	16 ... 10
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	1.5 mm ² ... 6 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	1.5 mm ² ... 6 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	1.5 mm ² ... 4 mm ²
Nominal current	41 A
Maximum load current	52 A (with 10 mm ² conductor cross section)
Nominal voltage	1000 V
Nominal cross section	6 mm ²

Dimensions

Width	8.2 mm
End cover width	2.2 mm
Height	42.2 mm
Height NS 35/15	51.2 mm
Height NS 35/7,5	43.7 mm
Length	62.8 mm

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Material specifications

Color	blue
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
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Environmental and real-life conditions

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 60947-7-1
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Mounting

Mounting type	NS 35/7,5
	NS 35/15

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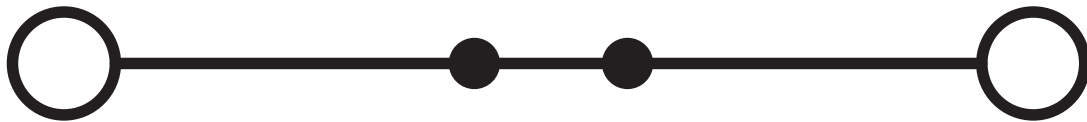
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Drawings

Circuit diagram



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Classifications

ECLASS

ECLASS-11.0	27141120
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ETIM

ETIM 8.0	EC000897
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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