

https://www.phoenixcontact.com/us/products/3059197

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Feed-through terminal block with bolt connection method, cross section: 0.1 - 6 mm², AWG: 26 - 10, width 9 mm, color: gray

Your advantages

- · Mounting on standard DIN rails or directly in control boxes
- · Large-surface, consistent external and center labeling
- · Compact screw connection of ring and fork-type cable lugs
- · Cover profile that can be snapped directly onto the terminal blocks provides touch-proof protection
- · Screw nuts and current bars are latched in the insulating housing and cannot be removed
- · Bridge shaft for potential distribution using standard screw bridges
- The isolator bridge bar supports switchable cross connections; the bridge screw therefore has the function of a live contact

Commercial data

Item number	3059197
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE15
Product key	BE1515
Catalog page	Page 569 (C-1-2019)
GTIN	4046356534819
Weight per piece (including packing)	150.2 g
Weight per piece (excluding packing)	150.2 g
Customs tariff number	85369010
Country of origin	IN

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Technical data

Product properties

Product type	Bolt connection terminal block
Pitch	9 mm
Number of connections	16
Number of rows	1
Potentials	8
Data management status	
Article revision	00
nsulation characteristics	
Overvoltage category	III
Degree of pollution	3
ctrical properties	
Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.02 W
nnection data	
Number of connections per level	16
Nominal cross section	4 mm ²
level Stripping length	The stripping length depends on the specification provided by th
Connection in acc. with standard	cable lug manufacturer. IEC 60947-7-1
Nominal current	32 A
Maximum load current	32 A 32 A
Nominal voltage	800 V
Nominal voltage	4 mm ²
	* 11111
Capacities in and with standard	DIN 46224-4080-02
Connection in acc. with standard Cross section	DIN 46234:1980-03 0.1 mm ² 6 mm ²
	26 10 (converted acc. to IEC)
Cross section range AWG Hole diameter	4.3 mm
Width	8 mm
Bolt diameter	4 mm
Screw thread	4 mm M4
Tightening torque	1.2 1.4 Nm
	1.2 1.4 [11]
Connection in acc. with standard	DIN 46237-1970-07
Connection in acc. with standard Cross section	DIN 46237:1970-07 0.5 mm ² 2.5 mm ²



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Hole diameter	4.3 mm
Width	8 mm
Bolt diameter	4 mm
Screw thread	M4
Tightening torque	1.2 1.4 Nm
Identification color of ring cable lugs : red	1 mm ²
Identification color of ring cable lugs : blue	2.5 mm ²

Dimensions

Width	89.8 mm
Height	37 mm
Pitch	9 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	1
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

Ambient conditions	
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

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Connection in acc. with standard

IEC 60947-7-1

Mounting

Mounting type

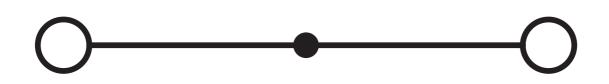
direct screw connection

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Drawings

Circuit diagram



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Classifications

ECLASS

	ECLASS-11.0	27141120
E	ГІМ	
	ETIM 8.0	EC000897
U	NSPSC	
	UNSPSC 21.0	39121400

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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%

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