

GE 35/2-BA BU - Device terminal block

2701571

<https://www.phoenixcontact.com/us/products/2701571>



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Device terminal block, nom. voltage: 630 V, nominal current: 150 A, number of connections: 4, connection method: Screw connection, Rated cross section: 35 mm², cross section: 0.75 mm² - 50 mm², mounting type: direct screw connection, color: blue

Commercial data

Item number	2701571
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE12
Product key	BE1265
GTIN	4046356182393
Weight per piece (including packing)	148.66 g
Weight per piece (excluding packing)	148.66 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Product properties

Product type	Feed-through terminal block
Number of connections	4
Number of rows	1
Potentials	1

Insulation characteristics

Overtoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
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Connection data

Number of connections per level	4
Nominal cross section	35 mm ²

Level 1 above 1 below 1

Connection method	Screw connection
Screw thread	M6
Note	Terminal point
Tightening torque	3.2 ... 3.7 Nm
Stripping length	15 mm
Connection in acc. with standard	IEC 60947-7-2
Conductor cross-section rigid	0.75 mm ² ... 50 mm ²
Cross section AWG	18 ... 1/0 (converted acc. to IEC)
Conductor cross-section flexible	0.75 mm ² ... 35 mm ²
Conductor cross-section, flexible [AWG]	18 ... 2 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm ² ... 35 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.75 mm ² ... 35 mm ²
2 conductors with same cross section, solid	0.75 mm ² ... 16 mm ²
2 conductors with same cross section, flexible	0.75 mm ² ... 10 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.75 mm ² ... 10 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.75 mm ² ... 6 mm ²
Nominal current	150 A
Maximum load current	150 A (with 50 mm ² conductor cross-section)
Nominal voltage	630 V
Nominal cross section	35 mm ²
Connection in acc. with standard	IEC/EN 60079-7
Test certificate name	KEMA 01ATEX2046 U
Conductor cross-section rigid	0.75 mm ² ... 50 mm ²

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Cross section AWG	18 ... 1/0 (converted acc. to IEC)
Conductor cross-section flexible	0.75 mm ² ... 35 mm ²

Dimensions

Width	34.75 mm
Height	44.9 mm

Material specifications

Color	blue
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data	
Open side panel	No

Standards and regulations

Connection in acc. with standard	IEC 60947-7-2
	IEC/EN 60079-7

Mounting

Mounting type	direct screw connection
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Environmental product compliance

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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