

GE 35/1 BU - Device terminal block



3071095

<https://www.phoenixcontact.com/us/products/3071095>

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.



Device terminal block, nom. voltage: 630 V, nominal current: 125 A, number of connections: 2, number of positions: 1, connection method: Screw connection, Rated cross section: 35 mm², cross section: 0.75 mm² - 35 mm², mounting type: direct screw connection, color: blue

Your advantages

- Touch-proof shock protection
- Mounting with two screws per block

Commercial data

Item number	3071095
Packing unit	25 pc
Minimum order quantity	25 pc
Note	Made to order (non-returnable)
Product key	BE1265
Catalog page	Page 561 (C-1-2017)
GTIN	4046356482349
Weight per piece (including packing)	61.156 g
Weight per piece (excluding packing)	61.156 g
Country of origin	PL

GE 35/1 BU - Device terminal block

3071095

<https://www.phoenixcontact.com/us/products/3071095>



Technical data

Product properties

Product type	Feed-through terminal block
Number of positions	1
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
---------------------	------

Connection data

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

Level 1 above 1 below 1

Screw thread	M6
Note	Terminal point
Tightening torque	3.5 ... 4 Nm
Stripping length	16 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.75 mm ² ... 35 mm ²
Cross section AWG	18 ... 2 (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 ... 10 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	125 A
Maximum load current	125 A (with 35 mm ² conductor cross section)
Nominal voltage	630 V
Nominal cross section	35 mm ²

Dimensions

Width	19.8 mm
-------	---------

GE 35/1 BU - Device terminal block



3071095

<https://www.phoenixcontact.com/us/products/3071095>

Height	44.9 mm
--------	---------

Material specifications

Color	blue
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
----------------------------------	---------------

Mounting

Mounting type	direct screw connection
---------------	-------------------------

GE 35/1 BU - Device terminal block

3071095

<https://www.phoenixcontact.com/us/products/3071095>



Drawings

Circuit diagram



GE 35/1 BU - Device terminal block



3071095
<https://www.phoenixcontact.com/us/products/3071095>

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 2024 © - 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