

## Device terminal block - GE 35/2-B BU - 2701570

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Device terminal block, Connection method: Screw connection, Number of connections: 4, Number of positions: 1, Cross section: 0.75 mm<sup>2</sup> - 35 mm<sup>2</sup>, AWG: 18 - 2, Width: 34.8 mm, Height: 44.9 mm, Color: blue, Mounting type: Direct screw connection

### Why buy this product

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

**RoHS**

### Key Commercial Data

Packing unit	25 STK
Minimum order quantity	25 STK
GTIN	 4 046356 182386
GTIN	4046356182386
Weight per Piece (excluding packing)	130.110 g
Custom tariff number	85369010
Country of origin	Poland
Note	Made to Order (non-returnable)

### Technical data

#### General

Number of positions	1
Number of levels	1
Number of connections	4
Potentials	1
Nominal cross section	35 mm <sup>2</sup>
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	8 kV

# Device terminal block - GE 35/2-B BU - 2701570

## Technical data

### General

Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	4.06 W
Maximum load current	125 A (with 35 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	125 A
Nominal voltage U <sub>N</sub>	630 V
Open side panel	No

### Dimensions

Width	34.8 mm
Length	83.7 mm
Height	44.9 mm

### Connection data

Note	Terminal point
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1/IEC 60998
Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	35 mm <sup>2</sup>
Conductor cross section AWG min.	18
Conductor cross section AWG max.	2
Conductor cross section flexible min.	0.75 mm <sup>2</sup>
Conductor cross section flexible max.	35 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	18
Max. AWG conductor cross section, flexible	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm <sup>2</sup>
Stripping length	16 mm

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### Technical data

#### Connection data

Screw thread	M6
Tightening torque, min	3.5 Nm
Tightening torque max	4 Nm

#### Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60998
Flammability rating according to UL 94	V2

#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

#### Circuit diagram



### Approvals

#### Approvals

Approvals

EAC

Ex Approvals

#### Approval details

EAC		7500651.22.01.00246
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