

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

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Device terminal block, nom. voltage: 630 V, nominal current: 125 A, connection method: Screw connection, number of connections: 4, number of positions: 1, cross section: 0.75 mm² - 35 mm², AWG: 18 - 2, width: 34.8 mm, height: 44.9 mm, color: blue, mounting type: direct screw connection

Your advantages

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

RoHS

Key Commercial Data

Packing unit	25 pc
GTIN	 4 046356 182386
GTIN	4046356182386

Technical data

General

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

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Technical data

General

Nominal current I_N	125 A
Nominal voltage U_N	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
Screw thread	M6
Stripping length	16 mm
Tightening torque, min	3.5 Nm
Tightening torque max	4 Nm
Connection in acc. with standard	IEC 60947-7-1/IEC 60998
Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	2
Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	35 mm ²
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 ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm ²
2 conductors with same cross section, solid min.	0.75 mm ²
2 conductors with same cross section, solid max.	10 mm ²
2 conductors with same cross section, stranded min.	0.75 mm ²
2 conductors with same cross section, stranded max.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm ²

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60998
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Standards and Regulations

Flammability rating according to UL 94	V2
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Environmental Product Compliance

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

Drawings

Circuit diagram



Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details

EAC	EAC	RU C- DE.A*30.B.01742
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EAC	EAC	RU C- DE.BL08.B.00534
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