

## Device terminal block - GE 35/2 BU - 3071078

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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: 2, 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

### Your advantages

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

### Key Commercial Data

Packing unit	25 pc
Minimum order quantity	25 pc
GTIN	 4 046356 482363
GTIN	4046356482363

### Technical data

#### General

Number of positions	2
Number of levels	1
Number of connections	4
Potentials	2
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
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	4.06 W

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### Technical data

#### General

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
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

#### 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 <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>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.75 mm <sup>2</sup>

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## Technical data

### Connection data

Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	6 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.75 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	10 mm <sup>2</sup>

### 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: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Circuit diagram



## Classifications

### eCl@ss

eCl@ss 10.0.1	27141120
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141106
eCl@ss 8.0	27141106
eCl@ss 9.0	27141120

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## Classifications

### ETIM

ETIM 3.0	EC000903
ETIM 4.0	EC000903
ETIM 5.0	EC001284
ETIM 6.0	EC001284
ETIM 7.0	EC001284

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121409
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

## Approvals

### Approvals

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Approvals

EAC / EAC

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Ex Approvals

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### Approval details

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