

Device terminal block - GE 35/1 - 3071082

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Device terminal block, nom. voltage: 630 V, nominal current: 125 A, connection method: Screw connection, number of connections: 2, number of positions: 1, cross section: 0.75 mm² - 35 mm², AWG: 18 - 2, width: 19.8 mm, height: 44.9 mm, color: gray, 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 482332
GTIN	4046356482332

Technical data

General

Number of positions	1
Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	35 mm ²
Color	gray
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 ² conductor cross section)
Nominal current I _N	125 A
Nominal voltage U _N	630 V
Open side panel	No

Dimensions

Width	19.8 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
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.75 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	6 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.75 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	10 mm ²

Standards and Regulations

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Technical data

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

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 19.0	39121409

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