

789-324



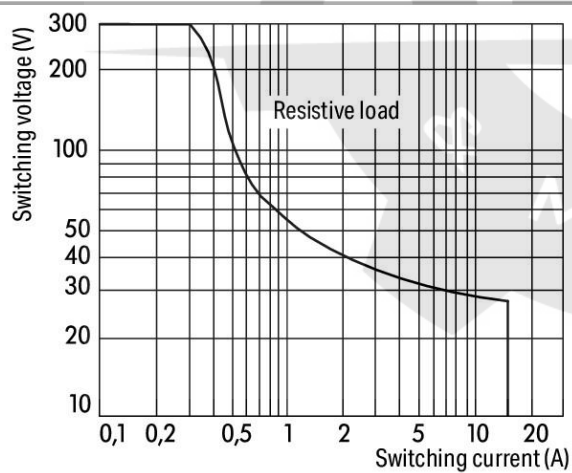
A = Automatic (AUTO)
0 = OFF
1 = Manual ON (MAN)

A1 +
A3 +
B1
B2
A2 -
A2 -

(+24V)

A
0
1

14
13 13



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Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts.

Data

Technical Data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	-10 ... +20 %
Nominal input current at U_N	17 mA

Load circuit:

Number of make contacts/switch on contacts	1
Contact material (relay)	AgSnO ₂ , pre-make contact W
Limiting continuous current	16 A
Max. make current (resistive)	(AC) 165 A / 0.02 s
Max. switching voltage	AC 250 V
Max. switching power (resistive)	AC 4,000 VA; DC see load limit curve
Min. switching current	0 µA
Pull-in time (typ.)	10 ms
Drop-out time (typ.)	5 ms
Bounce time (typ.)	4 ms
Drop-out time	≤ 0 µs
Electrical life (N.O.; resistive load; 23 °C)	5 x 10 ³ switching operations
Mechanical life (N.O.; resistive load; 23 °C)	5 x 10 ⁶ switching operations

Signaling

Status indication	LED red
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Safety and protection:

Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	4 kVrms
Dielectric strength open contact (AC, 1 min)	1 kVrms
Protection class	IP20

Connection data

Connection technology	CAGE CLAMP®
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Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch

Geometrical Data

Width	17.5 mm / 0.689 inch
Height from upper-edge of DIN-35 rail	55 mm / 2.165 inch
Depth	90 mm / 3.543 inch

Mechanical data

Type of mounting	DIN-35 rail
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Material Data

Color	gray
Fire load	0 MJ
Weight	60.426 g

Environmental Requirements

Pollution degree	2
Surrounding air (operating) temperature at U _N	-25 ... 40 °C
Surrounding air (storage) temperature	-40 ... 70 °C

Standards and specifications

Standards/specifications	EN 60664-1, EN 61810-1
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Commercial data

Product Group	6 (Interface Electronics)
Country of origin	DE
GTIN	4050821640509
Customs Tariff No.	85364900990

Compatible products

Jumper



Item no.: 789-112
Push-in type jumper bar; 12-way; Nominal current 16 A; unplated

789-112

ferrule

**Item no.: 216-241**

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-241

**Item no.: 216-242**

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-242

**Item no.: 216-243**

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-243

**Item no.: 216-244**

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-244

tools**Item no.: 210-720**

Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

210-720

Marking accessories**Item no.: 248-504**

Mini-USB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type

248-504

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Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

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Subject to changes.