

# Data sheet | Item number: 789-329

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact;  
Limiting continuous current: 12 A; for lamp loads; Manual/OFF/Auto switch;  
Red status indicator; Module width: 18 mm

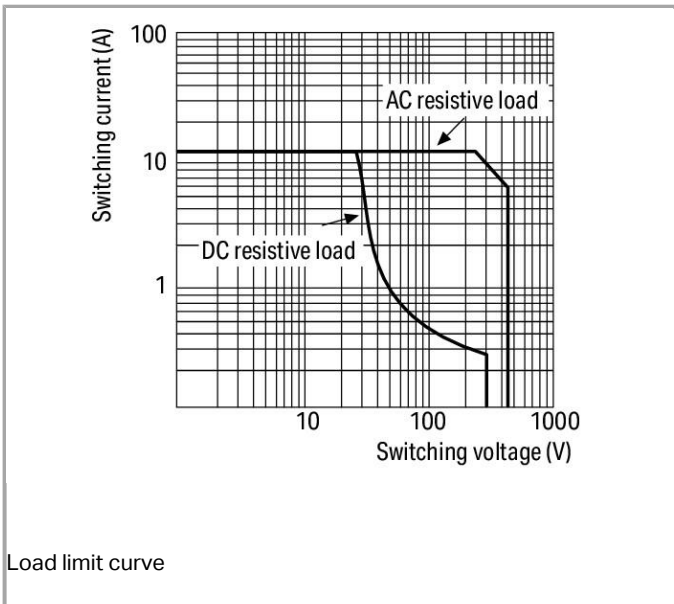
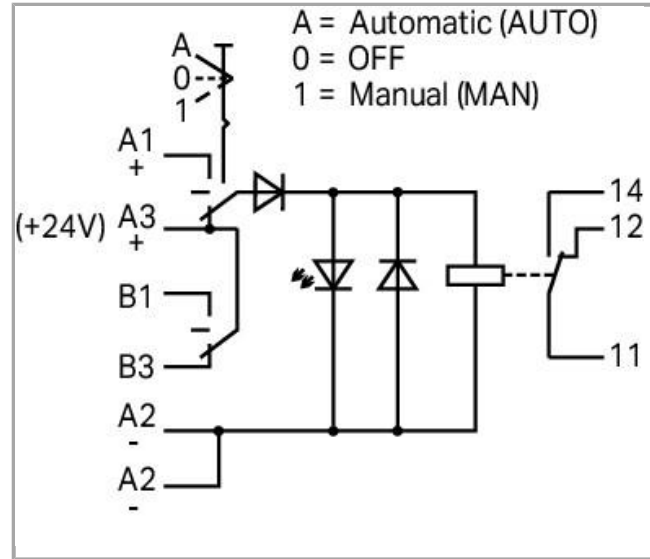


789-329



RoHS Compliant ✓

[BOMcheck.net](https://www.bomcheck.net)



Load limit curve

## Item description

### Note:

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	-15 ... +20 %
Nominal input current at $U_N$	19 mA

## Load circuit:

Number of changeover/switchover contacts	1
Contact material (relay)	AgSnO <sub>2</sub>
Limiting continuous current	12 A
Max. make current (resistive)	(AC) 120 A / 0.05 s
Max. switching voltage	AC 250 V
Max. switching power (resistive)	AC 3,000 VA; DC see load limit curve
Recommended minimum load	12 V / 10 mA
Min. switching current	0 $\mu$ A
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	5 ms
Drop-out time	$\leq 0 \mu$ s
Electrical life (N.O.; resistive load; 23 °C)	100 x 10 <sup>3</sup> switching operations
Mechanical life (N.O.; resistive load; 23 °C)	10 x 10 <sup>6</sup> 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 <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 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

Fire load	0 MJ
Weight	51 g

### Environmental Requirements

Pollution degree	2
Surrounding air (operating) temperature at U <sub>N</sub>	-25 ... 40 °C
Surrounding air (storage) temperature	-40 ... 70 °C

### Standards and specifications

Standards/specifications	EN 60664-1
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### Commercial data

Product Group	6 (Interface Electronics)
Country of origin	DE
GTIN	4050821110149
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 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-241
	<b>Item no.: 216-242</b>	
	Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-242
	<b>Item no.: 216-243</b>	
	Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-243
	<b>Item no.: 216-244</b>	
	Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-244
<b>tools</b>		
	<b>Item no.: 210-720</b> Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	210-720
<b>Marking accessories</b>		
	<b>Item no.: 248-504</b> Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type	248-504

**Downloads****Documentation****Bid Text**

789-329	Apr 4, 2012	doc	Download
Relaisbaustein		29.2 kB	

**Additional Information**

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	

**CAD/CAE - Smart Data****CAD data**

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Subject to changes.