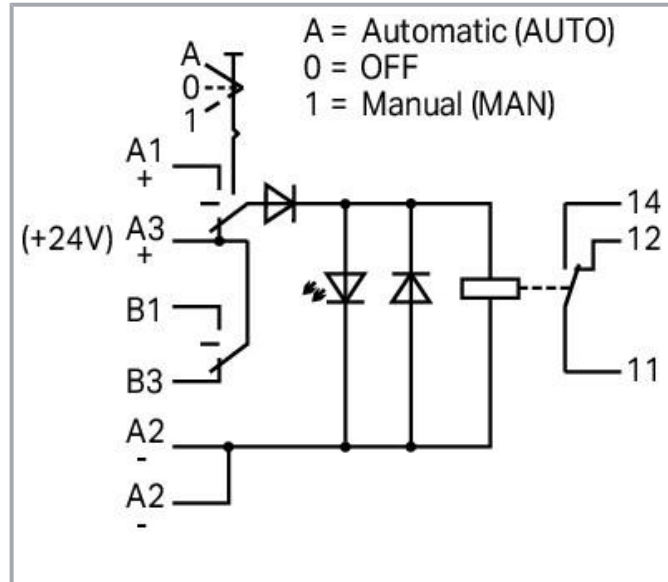


Data sheet | Item number: 789-329

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

www.wago.com/789-329



Data Notes

Note

To protect the relay coils and contacts, inductive loads must be damped with an effective protection circuit.

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
Power loss (max.) $P_{I(max)}$	0.6 W

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgSnO ₂
Limiting continuous current	12 A
Inrush current (resistive) (max.)	(AC) 120 A / 0.05 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 3000 VA; DC (see load limit curve)
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	5 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life	10 x 10 ⁶ switching operations

Signaling

Status indicator	Red LED
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Safety and protection

Rated voltage	300 V
Overvoltage category	III
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	4 kVrms
Dielectric strength, open contact (AC, 1 min)	1 kVrms
Insulation type (control/load circuit)	Reinforced insulation (safe isolation)
Insulation type (open contact)	Functional insulation
Insulation type (load circuit/monitoring contact)	Reinforced insulation (safe isolation)
Insulation type (adjacent devices)	Reinforced insulation (safe isolation)
Protection type	IP20

Connection data

Connection technology	CAGE CLAMP®
Solid conductor	0.2 ... 2.5 mm ² / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 2.5 mm ² / 24 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch

Subject to changes. Please also observe the further product documentation!

Physical data

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

Mechanical data

Mounting type	DIN-35 rail
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Material data

Fire load	11.519 MJ
Weight	51 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-20 ... 40 °C
Surrounding air temperature (storage)	-40 ... 70 °C
Processing temperature	-25 ... +50 °C
Relative humidity	75% (no condensation permissible)
Operating altitude (max.)	2000 m


Standards and specifications

Standards/Specifications	EN 61010-2-201
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Commercial data

Product Group	6 (Interface Electronics)
PU (SPU)	10 (1) Stück
Packaging type	box
Country of origin	DE
GTIN	4050821110149
Customs tariff number	85364900990

Optional accessories

Ferrule		
Ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241

Subject to changes. Please also observe the further product documentation!

	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-243
	Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244
Jumpers		
Jumper		
	Item no.: 789-112 Jumper; 12-way; silver-colored	www.wago.com/789-112
Tool		
Operating tool		
	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720
Marking accessories		
Marker		
	Item no.: 248-504 Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-504

Downloads

Documentation

Bid Text

789-329	2019. 2. 19.	xml	Download
X81 - Datei		4.5 kB	

789-329	2019. 2. 20.	docx	Download
docx - Datei		17.2 kB	

Instruction Leaflet

		pdf	Download
		1.3 MB	

Additional Information

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

Subject to changes. Please also observe the further product documentation!

CAD/CAE-Data

CAE data

EPLAN Data Portal 789-329	URL	Download
WSCAD Universe 789-329	URL	Download
ZUKEN Portal 789-329	URL	Download

CAD data

2D/3D Models 789-329	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 789-329	URL	Download
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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

Installation Notes

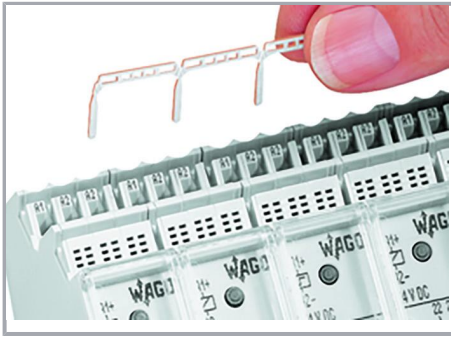
Conductor termination



Inserting a conductor.

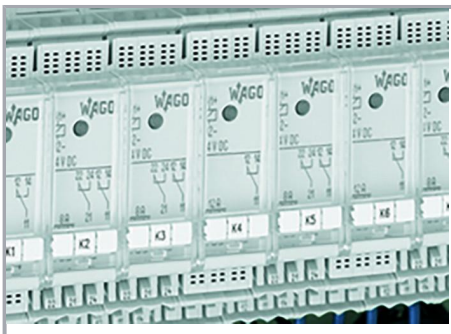
Commoning

Subject to changes. Please also observe the further product documentation!



Easy commoning via adjacent jumpers.

Marking



Marking via Mini-WSB Quick Marking System.

Subject to changes. Please also observe the further product documentation!