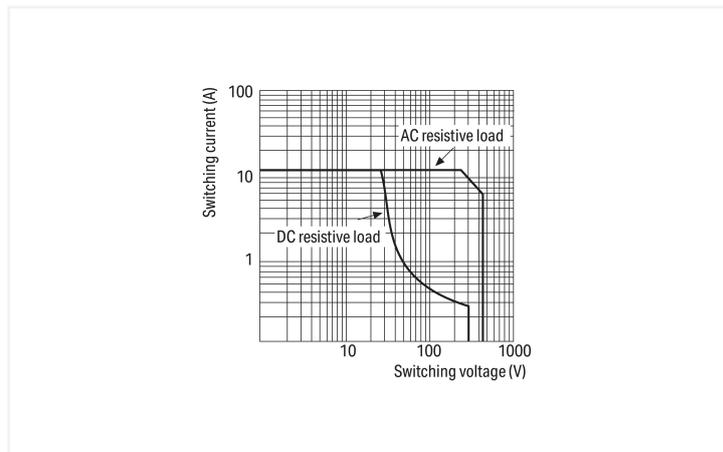


Data Sheet | Item Number: 789-329

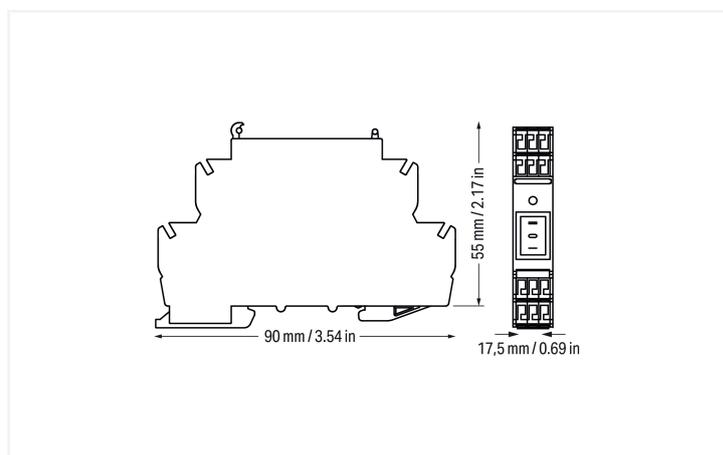
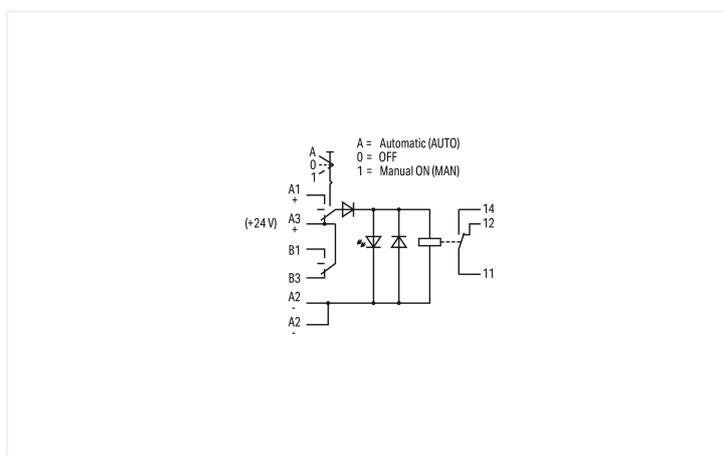
Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 12 A; for lamp loads; Manual/OFF/Auto switch; Red status indicator; Module width: 18 mm



<https://www.wago.com/789-329>



Load limit curve



Notes

Note

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

Technical data

Control circuit

Nominal input voltage U_N	24 VDC
Input voltage range	-15 ... +20 %
Nominal input current at U_N	19 mA
Power loss (max.) $P_{I(max)}$	0.6 W

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.	250 VAC
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

Load circuit

Electrical life (NO; resistive load; 23 °C) 100 x 10³ switching operations

Mechanical life 10 x 10⁶ switching operations

Signaling

Status indicator Red LED

Safety and protection

Rated Voltage 300 V

Overtoltage 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/signal 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 mm² / 24 ... 14 AWG

Fine-stranded conductor 0.2 ... 2.5 mm² / 24 ... 14 AWG

Strip length 9 ... 10 mm / 0.35 ... 0.39 inches

Physical data

Width 17.5 mm / 0.689 inches

Height 90 mm / 3.543 inches

Depth from upper-edge of DIN-rail 55 mm / 2.165 inches

Mechanical data

Housing design DIN-rail-mount enclosure

Mounting type DIN-35 rail

Material data

Note (material data) [Information on material specifications can be found here](#)

Fire load 11.519 MJ

Weight 51 g

Environmental requirements

Ambient temperature (operation at U_N) -20 ... +40 °C

Ambient 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 ELECTRONIC)
PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821110149
Customs tariff number	85364900990

Product Classification

UNSPSC	39122334
eCl@ss 10.0	27-14-23-09
eCl@ss 9.0	27-14-23-09
ETIM 9.0	EC001437
ETIM 10.0	EC001437
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a)
SCIP notification number (Bulgaria)	54c28bd0-7ce5-4579-80ec-d2e362cc7288
SCIP notification number (Czech Republic)	687971fe-8573-494f-ae7d-1d693c7f5638

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 789-329



Documentation

Bid Text			
789-329	20.02.2019	docx 16.79 KB	↓
789-329	19.02.2019	xml 4.43 KB	↓
ausschreiben.de 789-329			↓

Instruction Leaflet			
Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	↓

CAD/CAE-Data

CAD data
2D/3D Models 789-329

CAE data
EPLAN Data Portal 789-329
WSCAD Universe 789-329
ZUKEN Portal 789-329

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 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; white



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; gray



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; red



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; black

1.1.2 Jumper

1.1.2.1 Jumper



Item No.: 789-112

Jumper; 12-way; silver-colored

1.1.3 Tool

1.1.3.1 Operating tool



Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

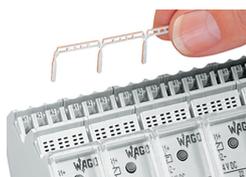
Installation Notes

Conductor termination



Inserting a conductor.

Commoning



Easy commoning via adjacent jumpers.

Marking



Marking via Mini-WSB Quick Marking System.