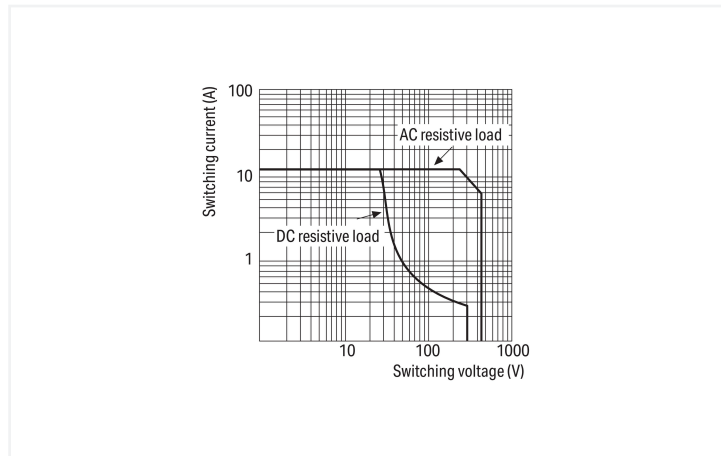


Data Sheet | Item Number: 789-329

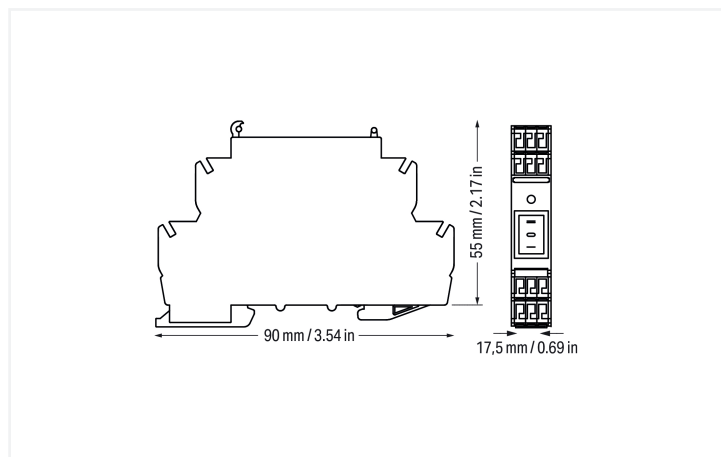
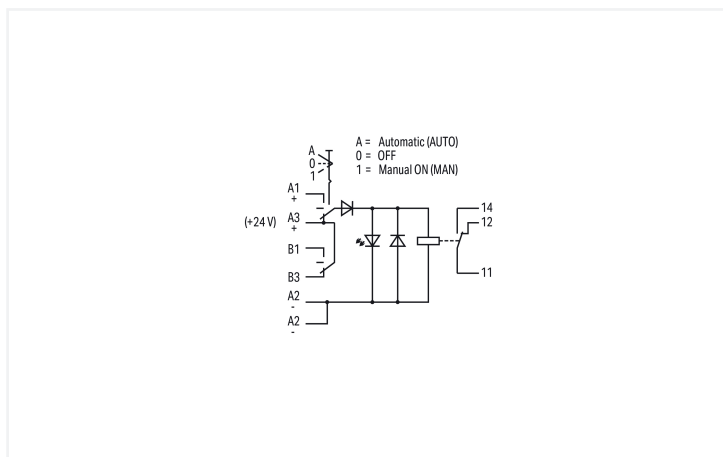
Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 12 A; for lamp loads; Manual/OFF/Auto switch; Red status indicator; Module width: 18 mm



<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		Load circuit	
Control circuit		Load circuit	
Nominal input voltage U_N	24 VDC	Number of changeover/switchover contacts	1
Input voltage range	-15 ... +20 %	Contact material (relay)	AgSnO ₂
Nominal input current at U_N	19 mA	Limiting continuous current	12 A
Power loss (max.) $P_{I(max)}$	0.6 W	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

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/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 11.448 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
--------------------------	----------------

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

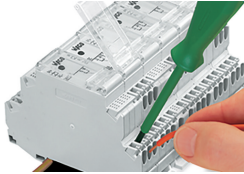


Item No.: 210-720

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

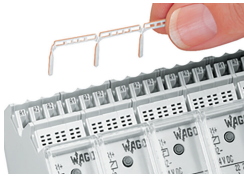
Installation Notes

Conductor termination



Inserting a conductor.

Commoning



Easy commoning via adjacent jumpers.

Marking



Marking via Mini-WSB Quick Marking System.