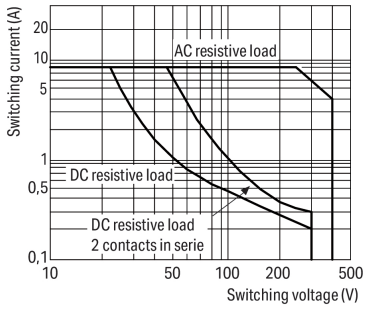
Data Sheet | Item Number: 789-1549

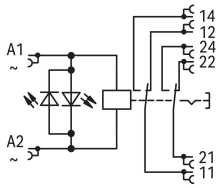
Relay module; Nominal input voltage: 230 VAC; 2 changeover contacts; Limiting continuous current: 8 A; with manual operation; Red status indicator; Module width: 18 mm; 2,50 mm²

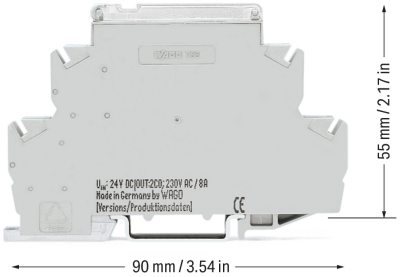
https://www.wago.com/789-1549





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	230 VAC
Input voltage range	±10 %
Nominal input current at U_N	4 mA

Load circuit

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi
Limiting continuous current	8 A
Inrush current (resistive) max.	(AC) 16 A / 0.02 s; (AC) 12 A / 4 s
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 2000 VA; DC (see load limit curve)
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	8 ms
Bounce time (typ.)	7 ms

Load circuit

Mechanical life	5 x 10^6 switching operations

Signaling

Status indicator	Red LED

Safety and protection

Rated Voltage	250 V
Rated impulse withstand voltage	4 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	3.5 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	1.5 kVrms
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	2.883 MJ
Weight	59.5 g

Environmental requirements

Ambient temperature (operation at U_N)	-25 … +50 °C
Ambient temperature (storage)	-40 … +70 °C
Processing temperature	-25 … +50 °C

Standards and Specifications

Standards/specifications	EN 60664-1

Continued on next page

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821386797
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

RoHS Compliance Status	Compliant,No Exemption

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 789-1549

Documentation

Bid Text

789-1549	19.02.2019	xml 4.48 KB	
789-1549	20.02.2019	docx 17.05 KB	

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	

Continued on next page

CAD/CAE-Data

CAD data

2D/3D Models 789-1549

CAE data

EPLAN Data Portal
789-1549

WSCAD Universe
789-1549

ZUKEN Portal 789-1549

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 Marking

1.1.3.1 Marker



Item No.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 248-502
Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-566
Mini-WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-503
Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-504
Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-506
Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-452
Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-450
Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-451
Mini-WSB marking card; as card; MARKED; K11 - K20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-455
Mini-WSB marking card; as card; MARKED; U 100 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-453
Mini-WSB marking card; as card; MARKED; U1, ... U10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-454
Mini-WSB marking card; as card; MARKED; U11 - U20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

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1.1.3.2 Marking device



Item No.: 210-110
Fiber-tip pen

1.1.4 Tool

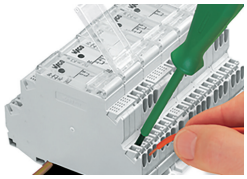
1.1.4.1 Operating tool



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

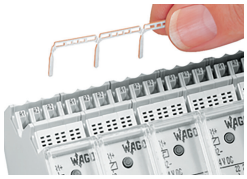
Installation Notes

Conductor termination



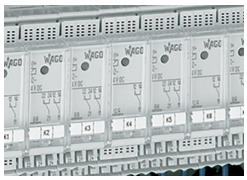
Inserting a conductor.

Commoning



Easy commoning via adjacent jumpers.

Marking



Marking via Mini-WSB Quick Marking System.