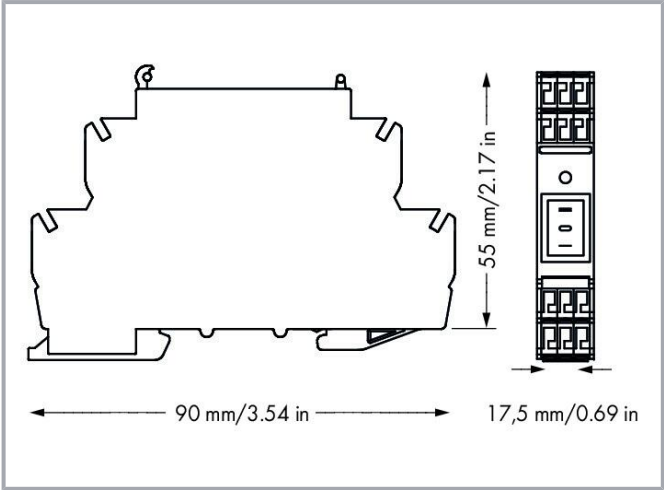
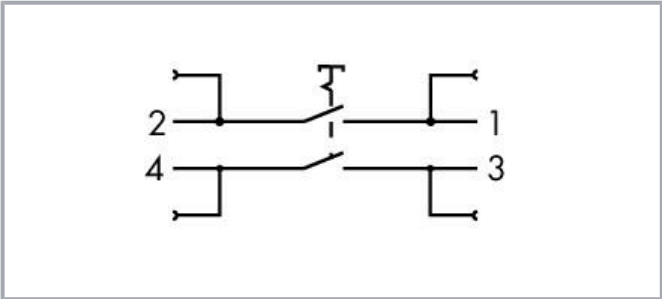


Data sheet | Item number: 789-802

Switching module; with 2-pole circuit breaker; Switching voltage: 250 VAC;
Switching current: 16 A

www.wago.com/789-802



Data

Electrical data

Operating voltage	≤250 VAC
Number of make/switch-on contacts	2
Switching current (resistive) max.	16 A
Inrush current (max.)	100 A (Capacitive)
Switching voltage (max.)	AC 250 V
Contact resistance	≤ 100 mΩ (12 V/1 ADC; New condition)

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

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Insulation resistance	$\geq 100 \text{ M}\Omega$ (500 VDC; New condition)
Electrical life (NO; resistive load; 23 °C)	10×10^3 switching operations
Mechanical life	50×10^3 switching operations

Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	2
Dielectric strength (open contact) (AC, 1 min)	$1.25 \text{ kV}_{\text{rms}}$

Connection data

Connection technology	CAGE CLAMP®
Solid conductor	02 ... 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 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

Mounting type	DIN-35 rail
Housing design	DIN-rail-mount enclosure

Material data

Contact material (switch)	Ag alloy
Fire load	6.22 MJ
Weight	45.9 g

Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C
Ambient temperature (storage)	-40 ... +80 °C

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

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 8.0	EC001437
ETIM 7.0	EC001437
Recupel Type	
ECCN	NO DATA
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4050821274810
Customs tariff number	85365080900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

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

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
	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; www.wago.com/216-243

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

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

www.wago.com/216-244**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**

789-802 X81 - Datei	2019 年2月19 日	xml 3.9 kB	Download
789-802 doc - Datei	2015 年2月10 日	doc 26.1 kB	Download

Instruction Leaflet

pdf
1.3 MB

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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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CAD/CAE-Data**CAD data**

2D/3D Models 789-802	URL	Download
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CAE data

ZUKEN Portal 789-802	URL	Download
WSCAD Universe 789-802	URL	Download
EPLAN Data Portal 789-802	URL	Download

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Asset Administration Shell

Asset Administration Shell 789-802	URL	Download
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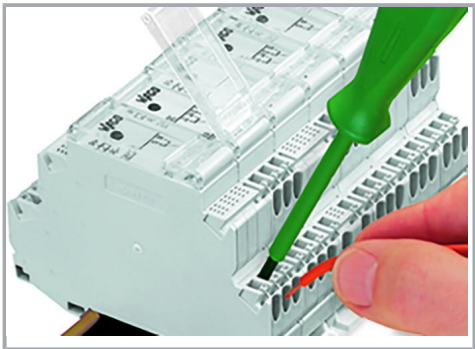
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 789-802	URL	Download
Switching module; with 2-pole circuit breaker; Switching voltage: 250 VAC; Switching current: 16 A		

Installation Notes

Conductor termination



Inserting a conductor.

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