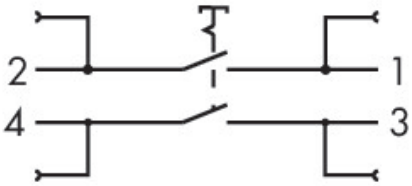
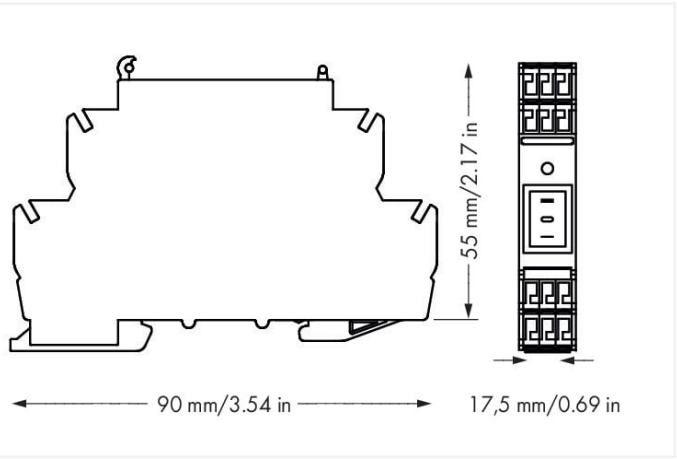
Data Sheet | Item Number: 789-802

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

https://www.wago.com/789-802







Dimensions in mm

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)
Insulation resistance	≥ 100 MΩ (500 VDC; new condition)
Contact gap	≥ 3 mm
Electrical life (NO; resistive load; 23 °C)	10 x 10³ switching operations
Mechanical life	50 x 10³ switching operations

Continued on next page

Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	2
Dielectric strength (open contact) (AC, 1 min)	1.25 kVrms

Connection data

Connection technology	CAGE CLAMP®
Solid conductor	02 … 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

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

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
PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821274810
Customs tariff number	85365080900

Continued on next page

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs-stelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122/19

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 789-802

Documentation

Bid Text

789-802	19.02.2019	xml 3.85 KB	
789-802	10.02.2015	doc 25.50 KB	

Instruction Leaflet

	pdf 1246.19 KB	

CAD/CAE-Data

CAD data

2D/3D Models 789-802

CAE data

EPLAN Data Portal 789-802

WSCAD Universe 789-802

ZUKEN Portal 789-802

Continued on next page

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.: 248-504
Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white

1.1.4 Tool

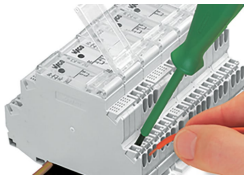
1.1.4.1 Operating tool



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.