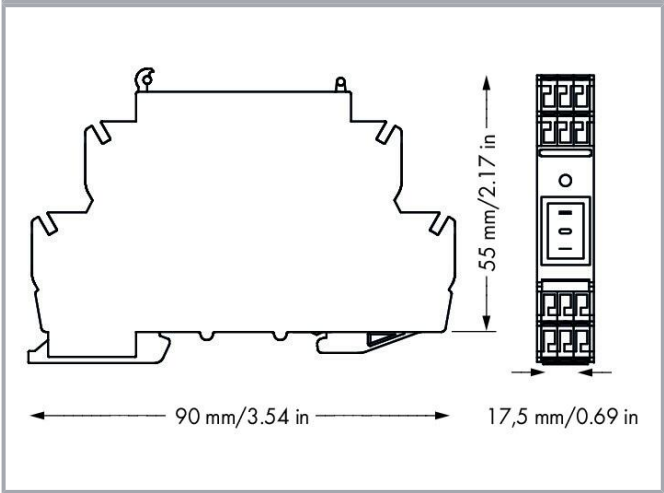
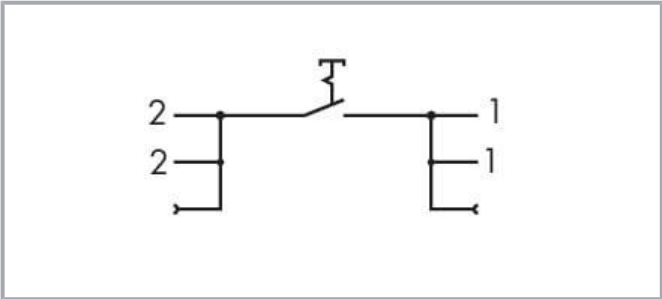


Data sheet | Item number: 789-801

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

www.wago.com/789-801



Data

Electrical data

Operating voltage	≤250 VAC
Number of make/switch-on contacts	1
Switching current (resistive) max.	16 A
Inrush current (max.)	100 A (Capacitive)

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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Switching voltage (max.)	AC 250 V
Contact resistance	$\leq 100 \text{ m}\Omega$ (12 V/1 ADC; New condition)
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	3.52 MJ
Weight	44.1 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
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4050821274742
Customs tariff number	85365080900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122 /19

Optional accessories

Jumpers

Jumper



Item no.: 789-112

Jumper; 12-way; silver-colored

www.wago.com/789-112

Ferrule

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

www.wago.com/216-241



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

www.wago.com/216-242

Item no.: 216-243

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

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Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-243
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

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**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**

789-801	2019 Feb 19	xml	Download
X81 - Datei		3.9 kB	

789-801	2015 Feb 10	doc	Download
doc - Datei		26.1 kB	

Instruction Leaflet

pdf	Download
1.3 MB	

Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 Aug 18	2.2 MB	

CAD/CAE-Data**CAD data**

2D/3D Models 789-801	URL	Download
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CAE data

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



WSCAD Universe 789-801	URL	Download
ZUKEN Portal 789-801	URL	Download
EPLAN Data Portal 789-801	URL	Download
Asset Administration Shell		
Asset Administration Shell 789-801	URL	Download

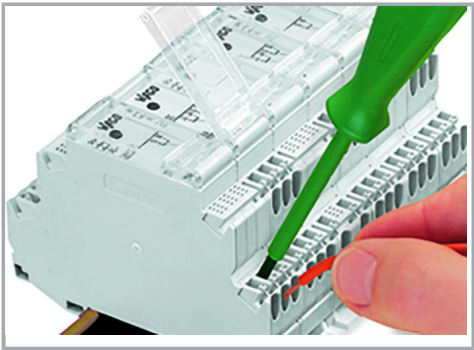
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 789-801	URL	Download
Switching module; with 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!