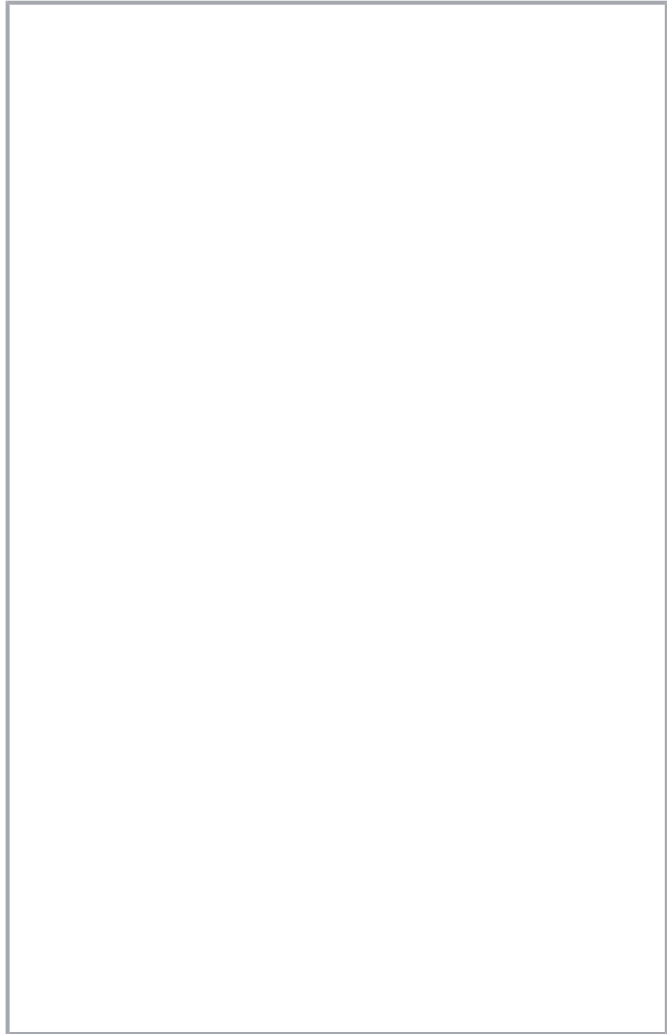
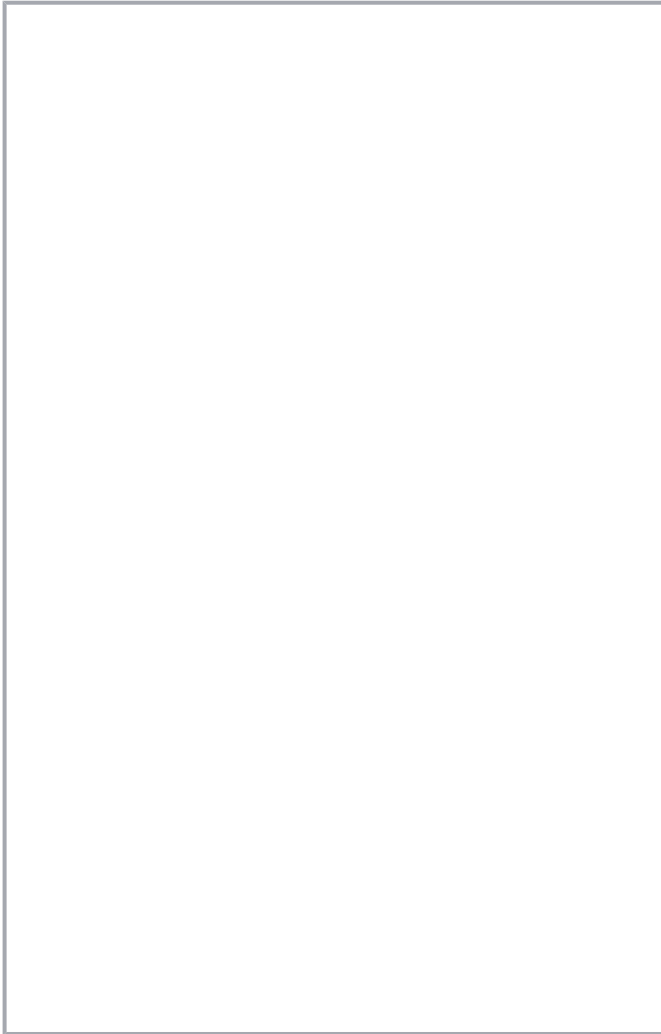


**Data sheet | Item number: 789-802**

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

Switching current: 16 A

[www.wago.com/789-802](http://www.wago.com/789-802)



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

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## 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)
Insulation resistance	≥ 100 MΩ (500 VDC; New condition)
Electrical life (NO; resistive load; 23 °C)	10 x 10 <sup>3</sup> switching operations
Mechanical life	50 x 10 <sup>3</sup> switching operations

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## Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	2
Dielectric strength (open contact) (AC, 1 min)	1.25 kV <sub>rms</sub>

## Connection data

Connection technology	CAGE CLAMP®
Solid conductor	02 ... 2.5 mm <sup>2</sup> / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 2.5 mm <sup>2</sup> / 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

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



ETIM 8.0	EC001437
ETIM 7.0	EC001437
Recupel Type	
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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## 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

### Marking accessories

Marker	
	<b>Item no.: 248-504</b> Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white <a href="http://www.wago.com/248-504">www.wago.com/248-504</a>

Ferrule	
	<b>Item no.: 216-241</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white <a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
	<b>Item no.: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray <a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
	<b>Item no.: 216-243</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red <a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
	<b>Item no.: 216-244</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black <a href="http://www.wago.com/216-244">www.wago.com/216-244</a>

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

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## 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](http://www.wago.com/210-720)

## Jumpers

### Jumper

**Item no.:** 789-112

Jumper; 12-way; silver-colored

[www.wago.com/789-112](http://www.wago.com/789-112)

## 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

Download

#### 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
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WSCAD Universe 789-802	URL	Download
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EPLAN Data Portal 789-802	URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 789-802

URL

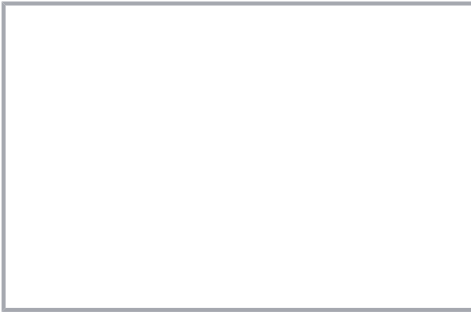
Download

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

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## Installation Notes

### Conductor termination



Inserting a conductor.

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