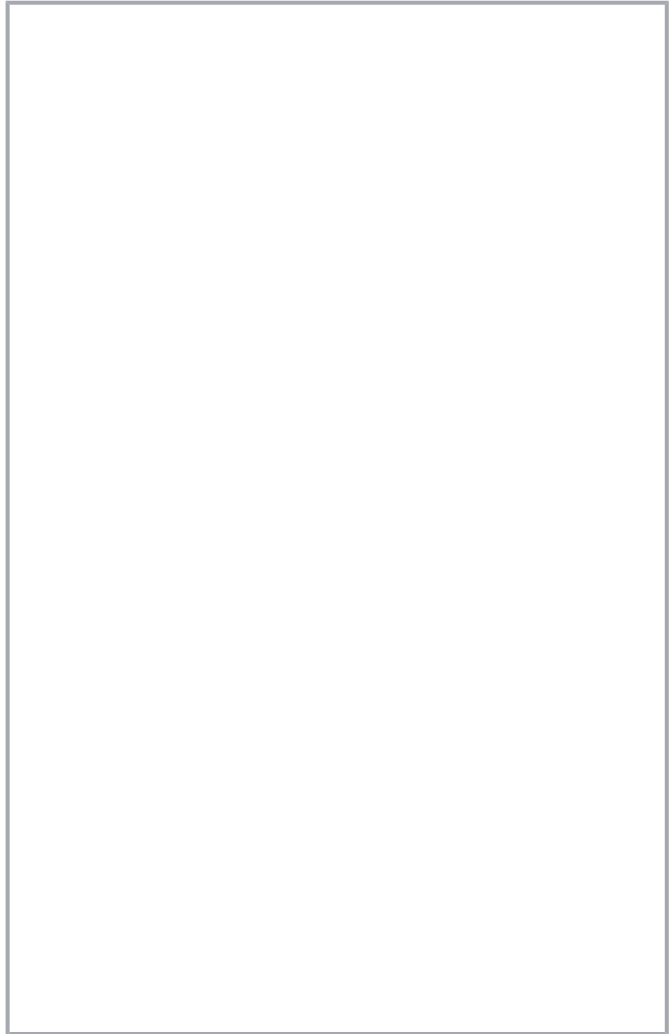
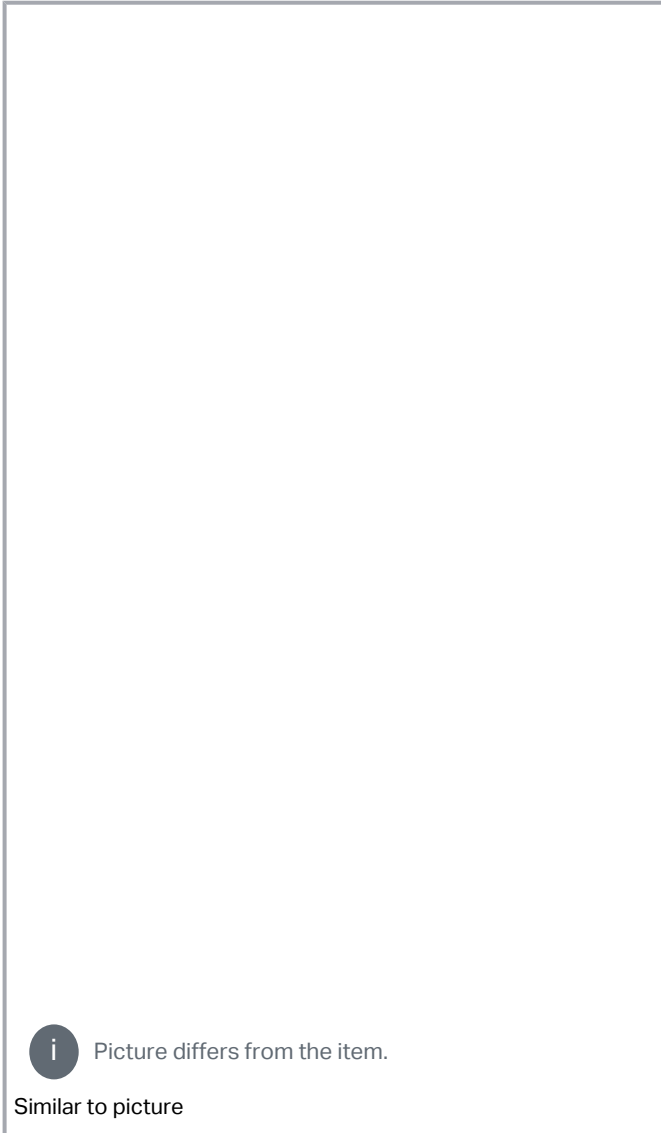


**Data sheet | Item number: 289-508**

Interface module; Pluggable connector per DIN 41651; 50-pole; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm<sup>2</sup>

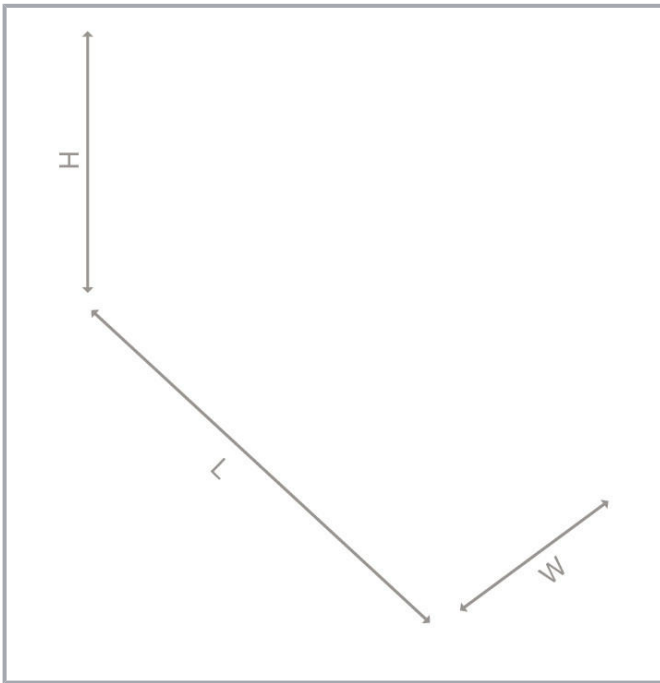
[www.wago.com/289-508](http://www.wago.com/289-508)



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.



## Data

### Electrical data

Operating voltage	$\leq 100 \text{ VAC}; \leq 125 \text{ VDC}$
Nominal current	1 A

### Safety and protection

Rated voltage	100 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20

### Connection data

Pole number	50
Connection type 1	System
Connector	DIN 41651 connector; male connector
Mating direction	vertical
Connection type 2	Field
Pole number 2	50
Design 2	PCB terminal blocks (double-row)

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Connection technology 2	CAGE CLAMP®
WAGO Connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	3 / 50 mating cycles

## Physical data

Width	132 mm / 5.197 inch
Height	85 mm / 3.346 inch
Depth from upper-edge of DIN-rail	36 mm / 1.417 inch

## Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

## Material data

Contact material (connector)	Au over Ni
Fire load	1.376 MJ
Weight	132.7 g

## Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C
Surrounding air temperature (storage)	-40 ... +70 °C
Relative humidity	85% (non-condensing)

## Commercial data

Product Group	6 (Interface Electronics)
PU (SPU)	3 (1) Stück
Packaging type	box
Country of origin VKOrg Germany	DE
GTIN	4045454353537
Customs tariff number VKOrg Germany	85366990990

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## Optional accessories

### Tool

Operating tool		
	<b>Item no.: 210-720</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>

### Marking accessories

Marking strip		
	<b>Item no.: 709-196</b> Marking strips; for laser printer; translucent	<a href="http://www.wago.com/709-196">www.wago.com/709-196</a>
	<b>Item no.: 709-178</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/709-178">www.wago.com/709-178</a>
	<b>Item no.: 709-177</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	<a href="http://www.wago.com/709-177">www.wago.com/709-177</a>

## Downloads

### Documentation

#### Bid Text

289-508	Feb 19, 2019	xml	Download
X81 - Datei		3.3 kB	
289-508	Feb 9, 2015	doc	Download
doc - Datei		25.6 kB	

#### Instruction Leaflet

		pdf	Download
		1.3 MB	

### Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	

## CAD/CAE-Data

### CAD data

2D/3D Models 289-508	URL	Download
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### CAE data

ZUKEN Portal 289-508	URL	Download
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WSCAD Universe 289-508

URL

Download

EPLAN Data Portal 289-508

URL

Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 289-508

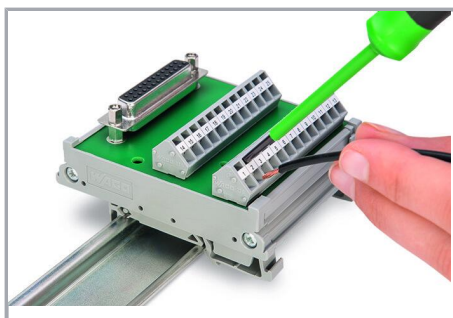
URL

Download

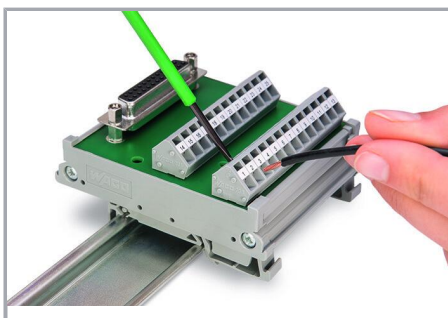
Interface module; Pluggable connector per DIN 41651; 50-pole; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm<sup>2</sup>

## Installation Notes

### Inserting a conductor

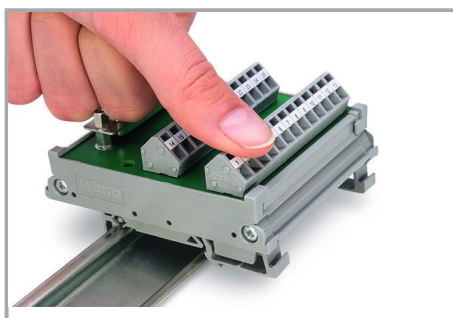


Conductor termination – screwdriver actuation parallel to conductor entry

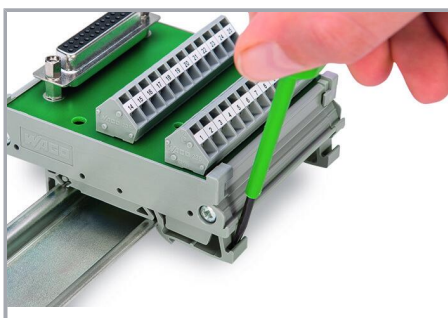


Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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