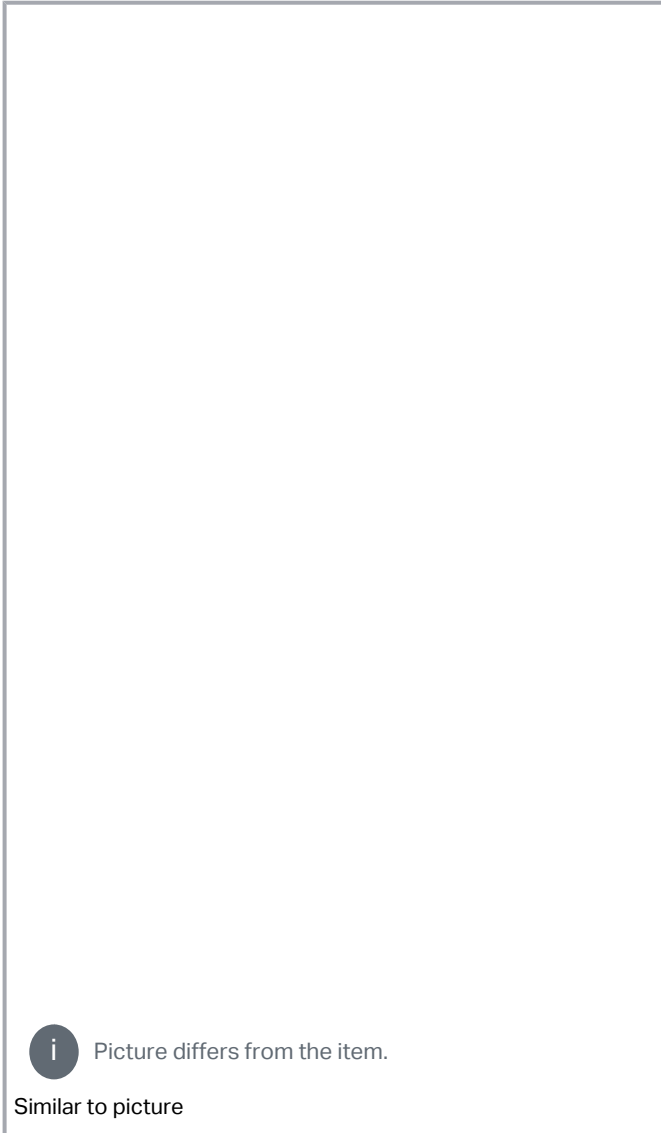


**Data sheet | Item number: 289-508**

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)



**Data**

**Electrical data**

Operating voltage	≤ AC/DC 125 V
Nominal current	1 A

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

WAGO GmbH & Co. KG  
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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.



## Safety and protection

Rated voltage	125 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20
Insulation type	Basic insulation

## Connection data

Performance level	3 / 50 mating cycles
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## Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	50
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

## Connection 2

Design 2	PCB terminal blocks (double-row)
Pole number 2	50
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

## Physical data

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

## Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

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

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## Material Data

Contact material (connector)	Au over Ni
Fire load	1.652 MJ
Weight	132.7 g

## Environmental requirements

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

## Standards and specifications

Standards/specifications	EN 61010-2-201
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## Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 8.0	EC002780
ETIM 7.0	EC002780
Recupel Type	
PU (SPU)	3 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454353537
Customs tariff number	85366990990

## 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

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

## Optional accessories

### 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)

### Marking accessories

#### Marking strip

**Item no.: 709-196**

Marking strips; for laser printer; translucent

[www.wago.com/709-196](http://www.wago.com/709-196)
**Item no.: 709-178**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

[www.wago.com/709-178](http://www.wago.com/709-178)
**Item no.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

[www.wago.com/709-177](http://www.wago.com/709-177)

## Downloads

### Documentation

#### Bid Text

289-508	2019 年2月19日	xml	Download
X81 - Datei		3.3 kB	

289-508	2015 年2月9日	doc	Download
doc - Datei		25.6 kB	

#### Instruction Leaflet

pdf  
1.3 MB

Download

#### Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 年8月18日	2.2 MB	

## CAD/CAE-Data

### CAD data

2D/3D Models 289-508	URL	Download
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Subject to changes. Please also observe the further product documentation!

#### CAE data

ZUKEN Portal 289-508	<a href="#">URL</a>	<a href="#">Download</a>
WSCAD Universe 289-508	<a href="#">URL</a>	<a href="#">Download</a>
EPLAN Data Portal 289-508	<a href="#">URL</a>	<a href="#">Download</a>

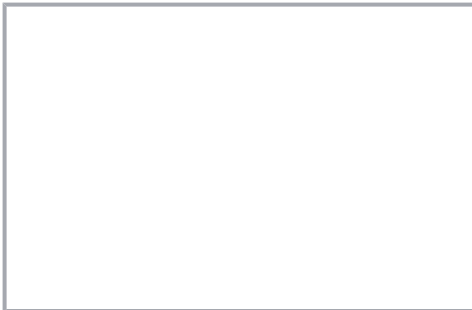
#### Environmental Product Compliance

##### Compliance Search

Environmental Product Compliance 289-508	<a href="#">URL</a>	<a href="#">Download</a>
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

##### Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

##### Installation

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



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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