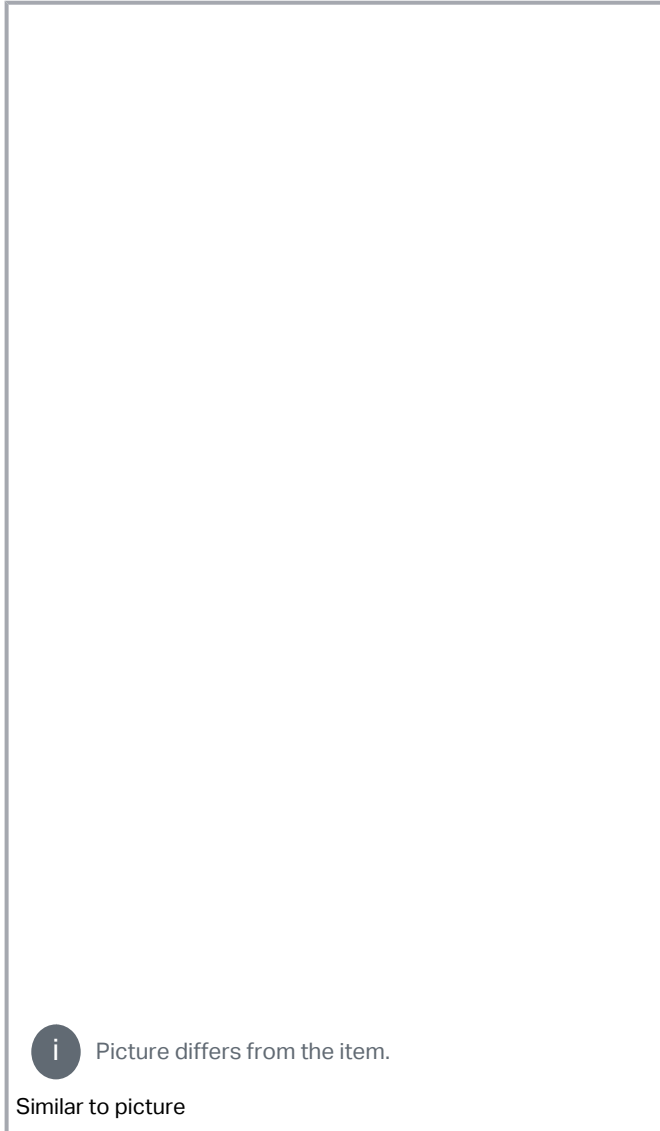


**Data sheet | Item number: 289-554**

Interface module; with solder pin; Female connector; 50-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm<sup>2</sup>



[www.wago.com/289-554](http://www.wago.com/289-554)



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

---

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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	$\leq$ AC/DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 m $\Omega$

### Safety and protection

Rated voltage	125 V
Pollution degree	2
Protection type	IP00; <b>Notice!</b> Live parts can be easily touched! Protection against direct

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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



contact must be provided by the equipment manufacturer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be observed for each individual application.

Dielectric strength (channel/channel) (AC, 1 min.)	0.75 kV <sub>rms</sub>
Insulation type	Functional insulation

### Connection data

Performance level	2 / 200 mating cycles
Strain relief	UNC 4-40 stud bolt

### Connection 1

Connector	D-subminiature female 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	94 mm / 3.701 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	34 mm / 1.339 inches

### Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

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

WAGO GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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



## Material Data

Contact material (connector)	Au over Ni
Fire load	1.46 MJ
Weight	127.7 g

## Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	85% (non-condensing)

## Standards and specifications

Standards/specifications	EN 61010-2-201
--------------------------	----------------

## 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	4045454409739
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)

## Approvals / Certificates

### General approvals

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

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

B.00122  
/19

UL	UL 508
Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	

E175199  
Vol.2 Sec.  
1

## 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

289-554	2019 年2月19 日	xml	Download
X81 - Datei		3.7 kB	

289-554	2015 年2月6 日	doc	Download
doc - Datei		27.1 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	

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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



## CAD/CAE-Data

### CAD data

2D/3D Models 289-554	<a href="#">URL</a>	<a href="#">Download</a>
----------------------	---------------------	--------------------------

### CAE data

WSCAD Universe 289-554	<a href="#">URL</a>	<a href="#">Download</a>
------------------------	---------------------	--------------------------

ZUKEN Portal 289-554	<a href="#">URL</a>	<a href="#">Download</a>
----------------------	---------------------	--------------------------

EPLAN Data Portal 289-554	<a href="#">URL</a>	<a href="#">Download</a>
---------------------------	---------------------	--------------------------

## Environmental Product Compliance

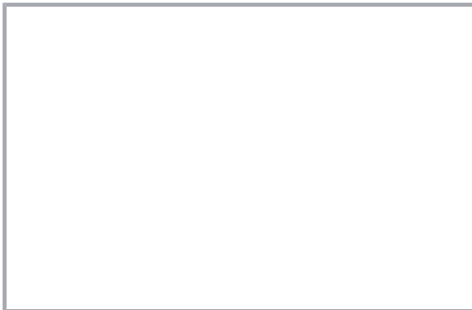
### Compliance Search

Environmental Product Compliance 289-554	<a href="#">URL</a>	<a href="#">Download</a>
--	---------------------	--------------------------

Interface module; with solder pin; Female connector; 50-pole; for mating connectors with IDC; Vertical mounting; 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!