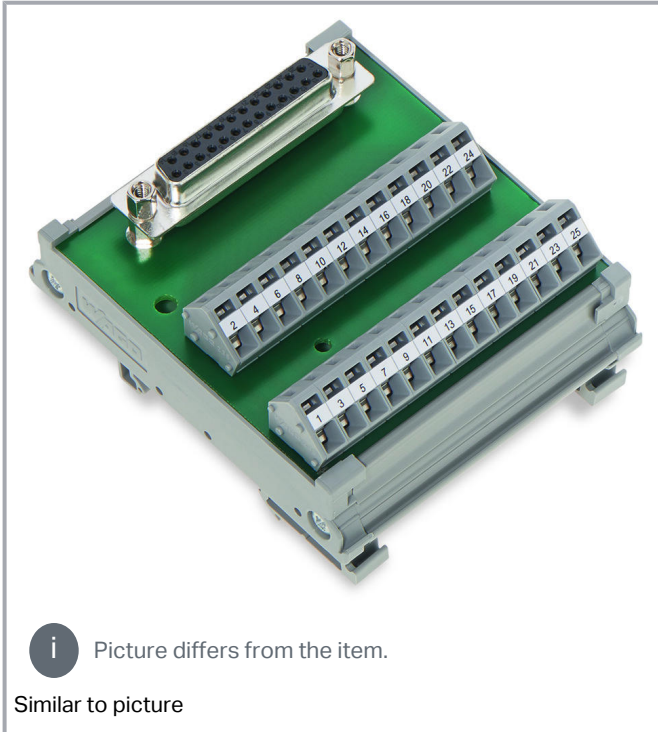


**Data sheet | Item number: 289-551**

Interface module; with solder pin; Female connector; 15-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm<sup>2</sup>

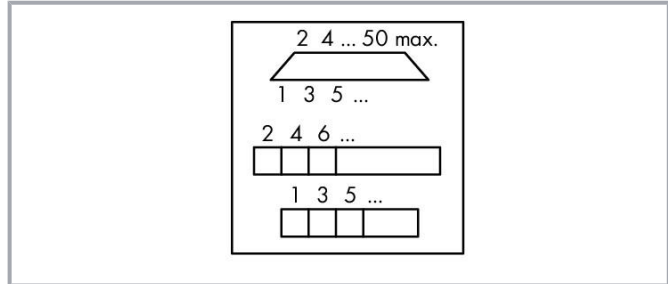


[www.wago.com/289-551](http://www.wago.com/289-551)



 Picture differs from the item.

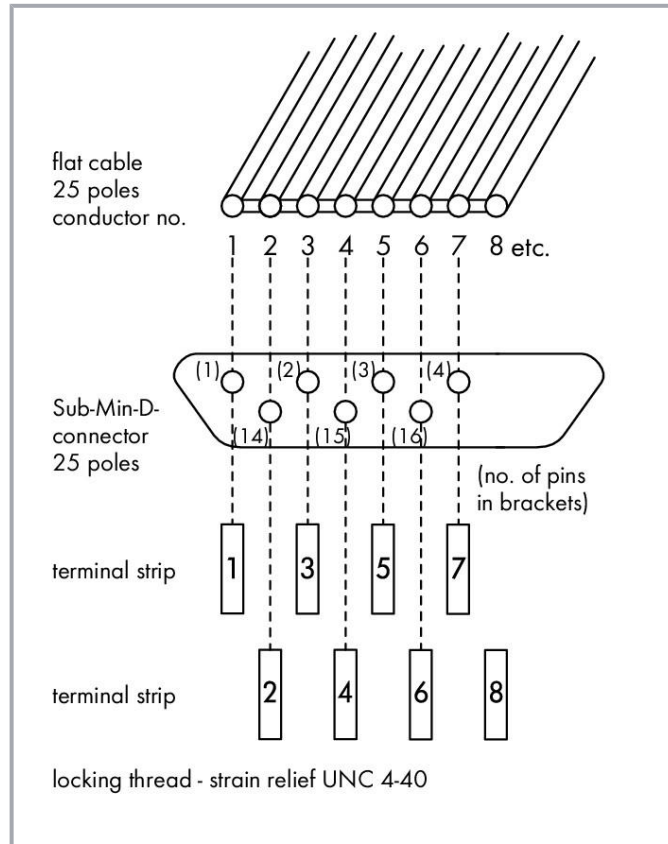
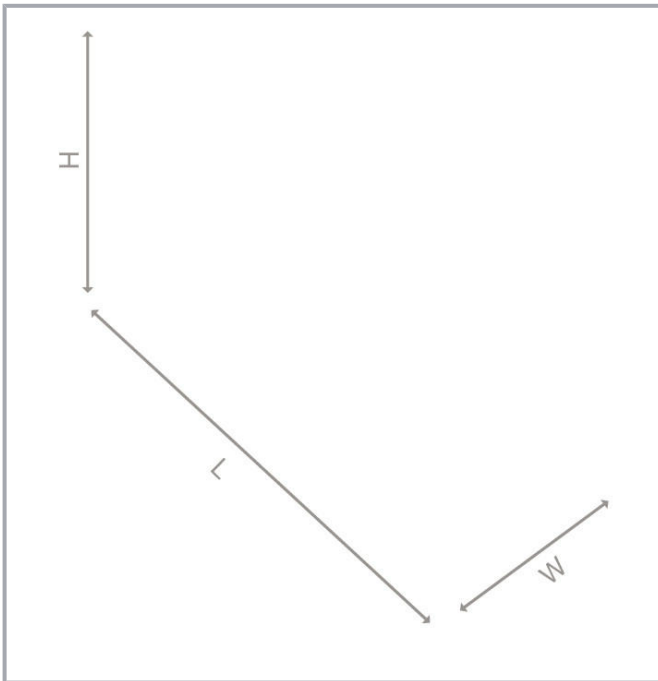
Similar to picture



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

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We are always happy to take your call at +49 (571) 887-44222.



## Data

### Electrical data

Operating voltage	≤ AC/DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 mΩ

### Safety and protection

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

### Connection data

Pole No.	15
Connection type (1)	System

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



Pluggable connectors	D-sub female connector
For mating connector	with IDC
Mating direction	vertical
Connection type 2	Field
Pole number 2	15
Design 2	PCB terminal blocks (double-row)
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 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	2 / 200 mating cycles
Strain relief	UNC 4-40 stud bolt

### Physical data

Width	46 mm / 1.811 inch
Height	85 mm / 3.346 inch
Depth from upper edge of DIN-rail	34 mm / 1.339 inch

### Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

### Material data

Contact material (connector)	Au over Ni
Fire load	0.662 MJ
Weight	59.1 g

### Environmental requirements

Surrounding air temperature (operation)	-20 ... 50 °C
Surrounding air temperature (storage)	-40 ... 70 °C
Relative humidity	85% (non-condensing)
Operating altitude (max.)	2000 m

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## Standards and specifications


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

Product Group	6 (Interface Electronics)
PU (SPU)	8 (1) Stück
Packaging type	box
Country of origin	DE
GTIN	4045454417840
Customs tariff number	85366990990




## Approvals / Certificates

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.2 Sec. 1

## Optional accessories

### 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>

### Tool

Operating tool	
	<b>Item no.: 210-720</b>

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

## Downloads

### Documentation

#### Bid Text

289-551 X81 - Datei	2019. 2. 19.	xml 3.7 kB	Download
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289-551 doc - Datei	2015. 2. 6.	doc 27.6 kB	Download
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#### Instruction Leaflet

		pdf 1.3 MB	Download
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#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 289-551		URL	Download
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### CAE data

WSCAD Universe 289-551		URL	Download
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ZUKEN Portal 289-551		URL	Download
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EPLAN Data Portal 289-551		URL	Download
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## Environmental Product Compliance

### Compliance Search

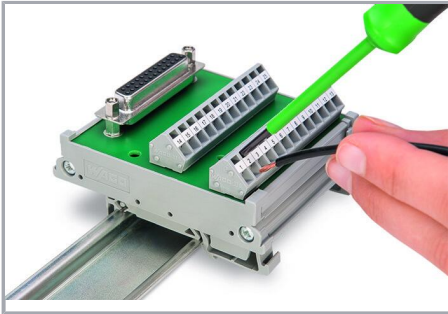
Environmental Product Compliance 289-551		URL	Download
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Subject to changes. Please also observe the further product documentation!

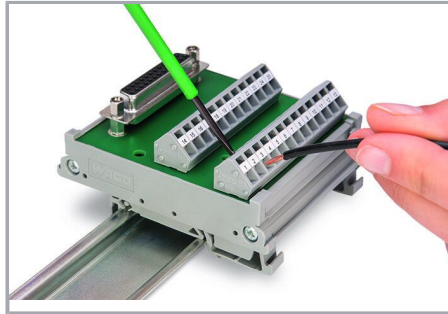
Interface module; with solder pin; Female connector; 15-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm<sup>2</sup>

## Installation Notes

### Inserting a conductor

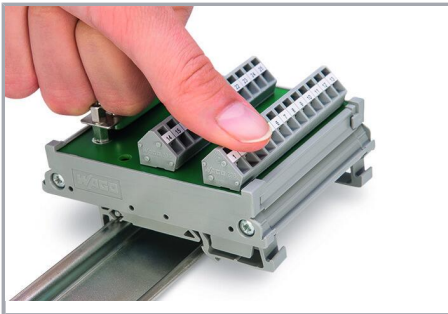


Conductor termination – screwdriver actuation parallel to conductor entry

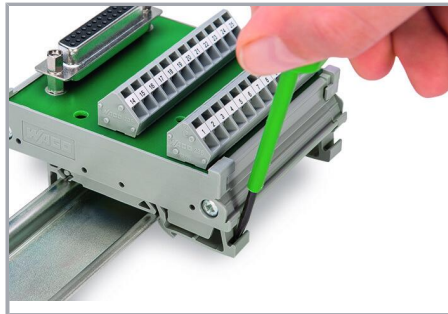


Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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