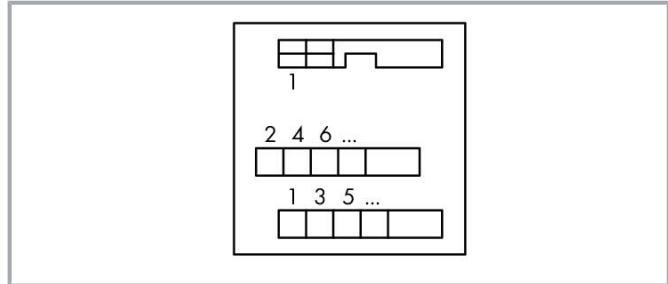
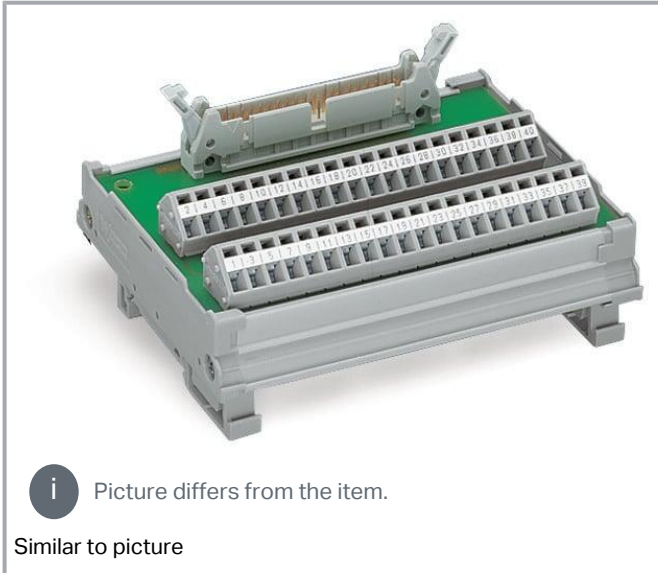


Data sheet | Item number: 289-503

Interface module; Pluggable connector per DIN 41651; 16-pole; in mounting carrier; 2,50 mm²



www.wago.com/289-503



Data

Electrical data

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

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

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Pole number 1	16
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical
Connection type	Male connector; pluggable connector per DIN 41651

Connection 2

Design 2	PCB terminal blocks (double-row)
Pole number 2	16
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data

Width	46 mm / 1.811 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

Material Data

Contact material (connector)	Au over Ni
Fire load	0.968 MJ
Weight	55.8 g

Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	85% (non-condensing)
Operating altitude (max.)	2000 m

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

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
PU (SPU)	6 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454353476
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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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

Marking accessories

Marking strip



Item no.: 709-196

Marking strips; for laser printer; translucent

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



Item no.: 709-177

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

www.wago.com/709-177

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

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Downloads

Documentation

Bid Text

289-503 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
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289-503 doc - Datei	2015 Feb 9	doc 25.6 kB	Download
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Instruction Leaflet

		pdf 1.3 MB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 289-503		URL	Download
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CAE data

EPLAN Data Portal 289-503		URL	Download
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WSCAD Universe 289-503		URL	Download
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ZUKEN Portal 289-503		URL	Download
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Environmental Product Compliance

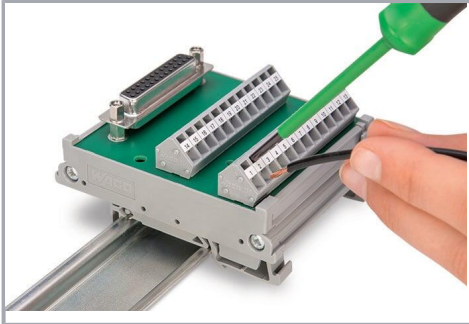
Compliance Search

Environmental Product Compliance 289-503 Interface module; Pluggable connector per DIN 41651; 16-pole; in mounting carrier; 2,50 mm ²		URL	Download
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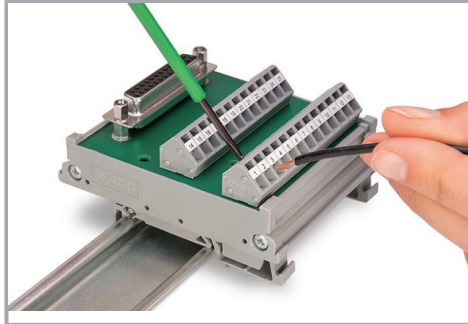
Subject to changes. Please also observe the further product documentation!

Installation Notes

Conductor termination

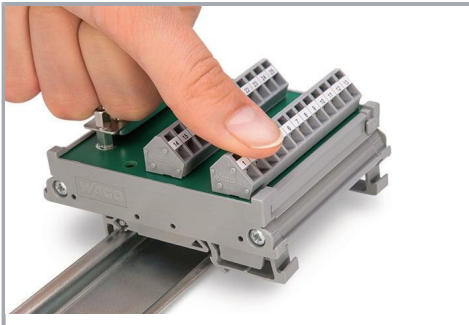


Conductor termination – screwdriver actuation parallel to conductor entry

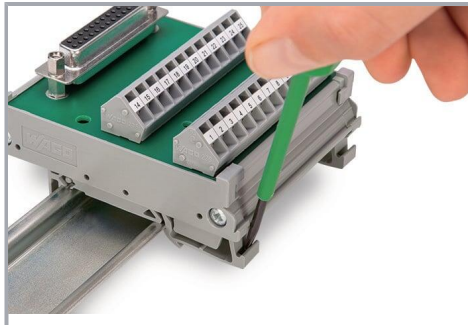


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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