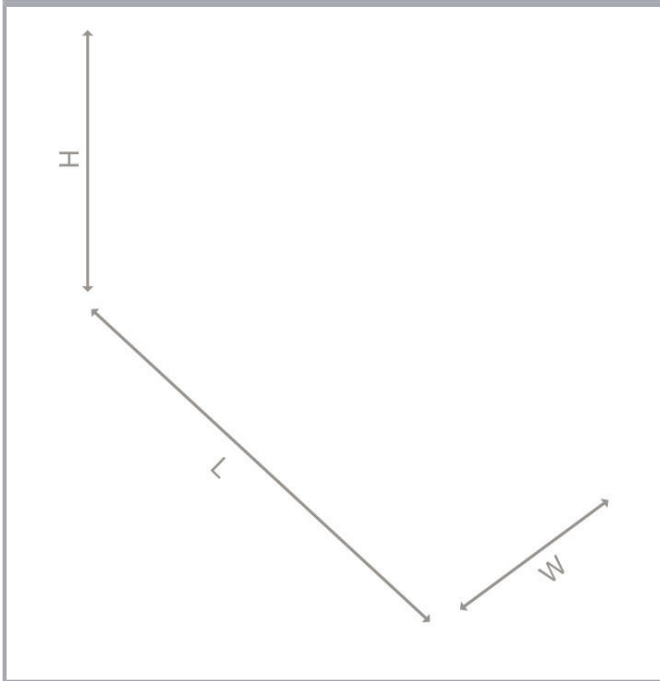
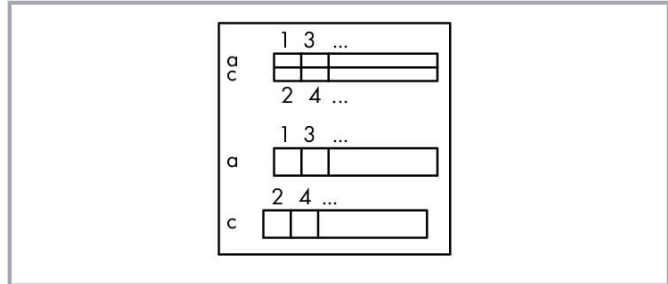
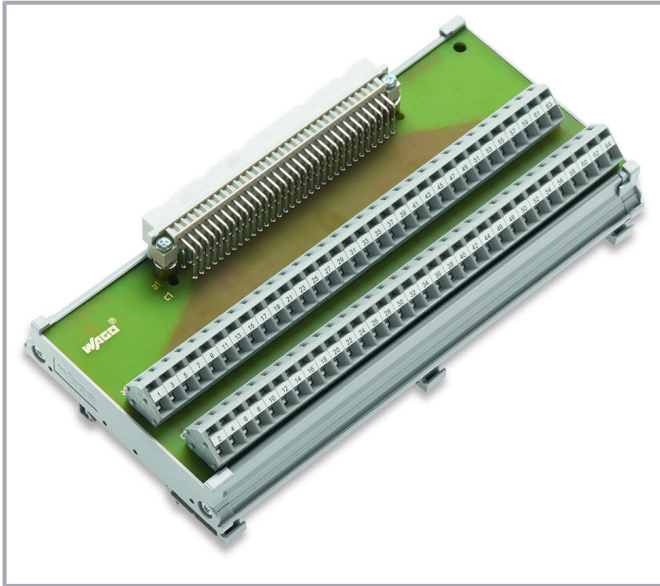


Data sheet | Item number: 289-523

Interface module; Pluggable connector per DIN 41612; 64-pole; Mating connector for IDC; Horizontal mounting; PCB terminal blocks, double-row; in mounting carrier; Type C; 2,50 mm²



www.wago.com/289-523



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 | Web: www.wago.com

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Data

Electrical data

Operating voltage	≤30 VAC; ≤50 VDC
Nominal current	1 A
Contact resistance (max.)	20 mΩ

Safety and protection

Rated voltage	50 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP00*
Note on protection type	Notice! Live parts can be easily touched! Protection against direct 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.

Connection data

Pole No.	64
Connection type (1)	System
Pluggable connectors	Pluggable connector per DIN 41612; Type C; Male connector
For mating connector	with IDC
Mating direction	horizontal
Connection type 2	Field
Pole number 2	64
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 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 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	2 / 400 mating cycles

Physical data

Width	171 mm / 6.732 inch
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Subject to changes. Please also observe the further product documentation!

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)	Copper alloy; gold plated
Fire load	1.751 MJ
Weight	159.3 g

Environmental requirements


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

Commercial data


Product Group	6 (Interface Electronics)
PU (SPU)	1 Stück
Packaging type	box
Country of origin	DE
GTIN	4045454594183
Customs tariff number	85366990990

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

Mounting

Mounting accessories		
	Item no.: 709-153 Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent	www.wago.com/709-153
Item no.: 709-167		

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



Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

www.wago.com/709-167

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

Downloads

Documentation

Bid Text

289-523 X81 - Datei	2019. 2. 19.	xml 3.6 kB	Download
289-523 doc - Datei	2015. 2. 9.	doc 27.1 kB	Download

Instruction Leaflet

pdf
1.3 MB
Download

Additional Information

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

CAE data

EPLAN Data Portal 289-523	URL	Download
WSCAD Universe 289-523	URL	Download

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32423 Minden
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-523

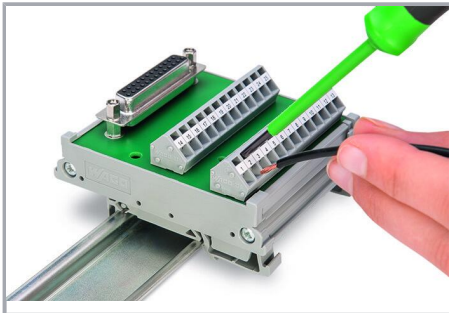
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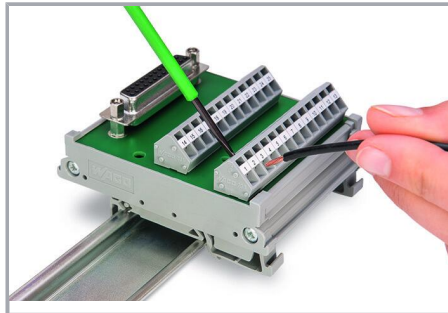
Interface module; Pluggable connector per DIN 41612; 64-pole; Mating connector for IDC; Horizontal mounting; PCB terminal blocks, double-row; in mounting carrier; Type C; 2,50 mm²

Installation Notes

Inserting a conductor

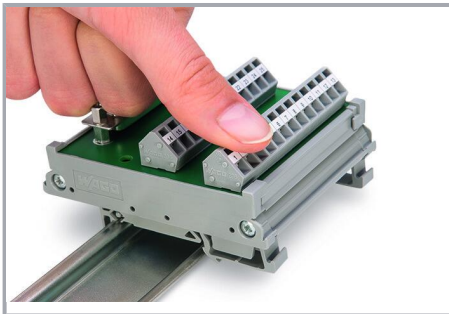


Conductor termination – screwdriver actuation parallel to conductor entry

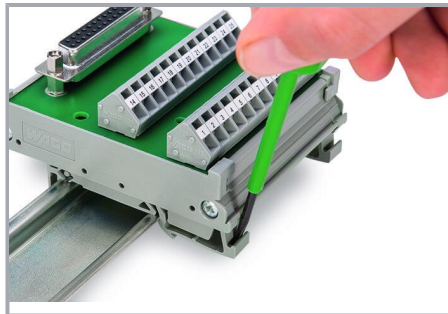


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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