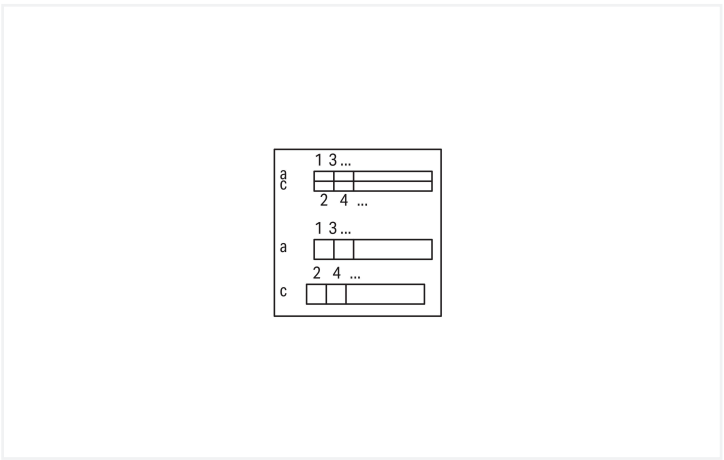
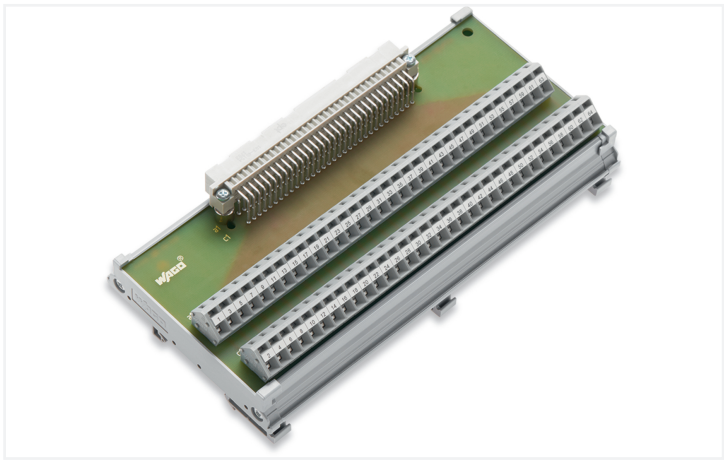


Data Sheet | Item Number: 289-523

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

<https://www.wago.com/289-523>



Notes		
Safety Information		Notice! Accessible live parts! Protection against accidental contact must be provided by the system installer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be followed for each specific application.

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 impulse withstand voltage		0.8 kV
Pollution degree		2
Protection type		IP00

Connection Data		
Performance level	2 / 400 mating cycles	
Connection 1		
Pluggable connector		Pluggable connector per DIN 41612; Type C; male connector
Pole number 1		64
Connection type		System
Note (conductor cross-section)		12 AWG: THHN, THWN
Mating direction		horizontal



Connection 2	
Design	PCB terminal blocks (double-row)
Pole number	64
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 236 Series
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data		
Width	171 mm / 6.732 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

Material data	
Contact material (connector)	Copper alloy; gold plated
Fire load	1.679 MJ
Weight	159.3 g

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

Commercial data	
Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454594183
Customs tariff number	85366990990

Product Classification	
UNSPSC	39121409
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 9.0	EC002780
ETIM 10.0	EC002780
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 289-523	

Documentation				
Bid Text				Instruction Leaflet
289-523	19.02.2019	xml 3.49 KB		Operation and Assembly Instructions Interface V 1.0.0 02.04.2025 pdf 1246.19 KB 
289-523	09.02.2015	doc 26.50 KB		

CAD/CAE-Data	
CAE data	
EPLAN Data Portal 289-523	
WSCAD Universe 289-523	



1 Compatible Products

1.1 Optional Accessories

1.1.1 Installation

1.1.1.1 Cover



Item No.: 709-153
Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

1.1.1.2 Cover carrier



Item No.: 709-167
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

1.1.2 Marking

1.1.2.1 Marking strip



Item No.: 709-196
Marking strips; for laser printer; translucent



Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.1.3 Tool

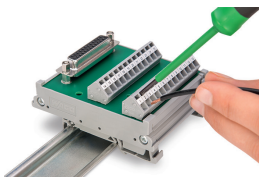
1.1.3.1 Operating tool



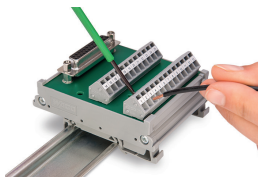
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

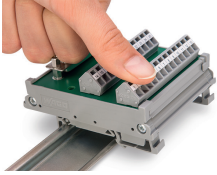


Conductor termination – screwdriver actuation parallel to conductor entry

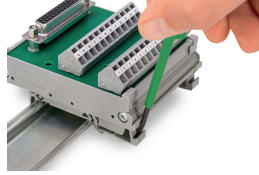


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.