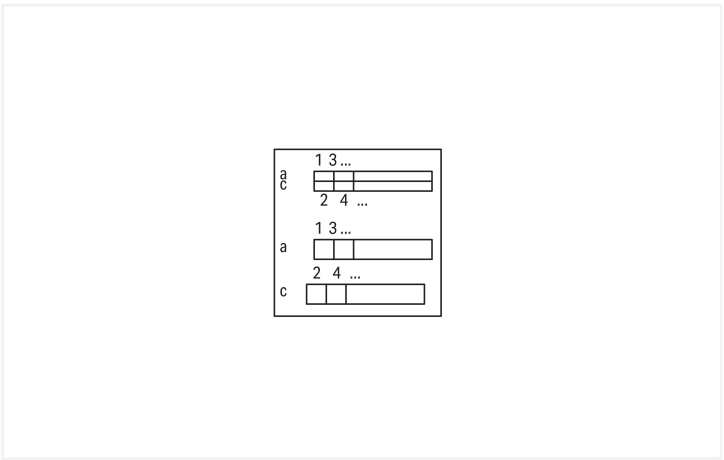
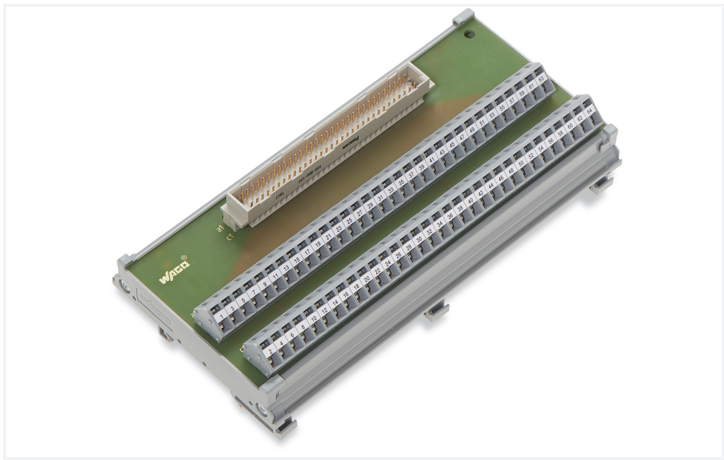


Data Sheet | Item Number: 289-522

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

<https://www.wago.com/289-522>



Electrical data		
Operating voltage		≤ 100 VAC; ≤ 125 VDC
Nominal current		1 A
Contact resistance (max.)		20 mΩ

Safety and protection		
Rated Voltage		100 V
Rated impulse withstand voltage		0.8 kV
Pollution degree		2
Protection type		IP20

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
		vertical

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 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 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		165.4 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		4045454385095
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 289-522			↓

Documentation

Bid Text			
289-522	19.02.2019	xml 3.50 KB	↓
289-522	24.03.2015	doc 26.50 KB	↓

Instruction Leaflet			
Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	↓

CAD/CAE-Data

CAE data	
EPLAN Data Portal 289-522	↓
WSCAD Universe 289-522	↓

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

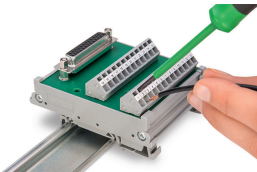
1.1.3.1 Operating tool



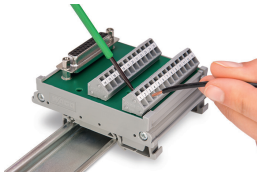
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

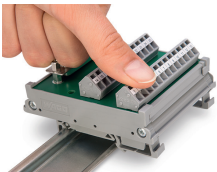


Conductor termination – screwdriver actuation parallel to conductor entry

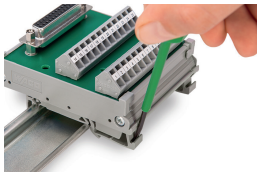


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.