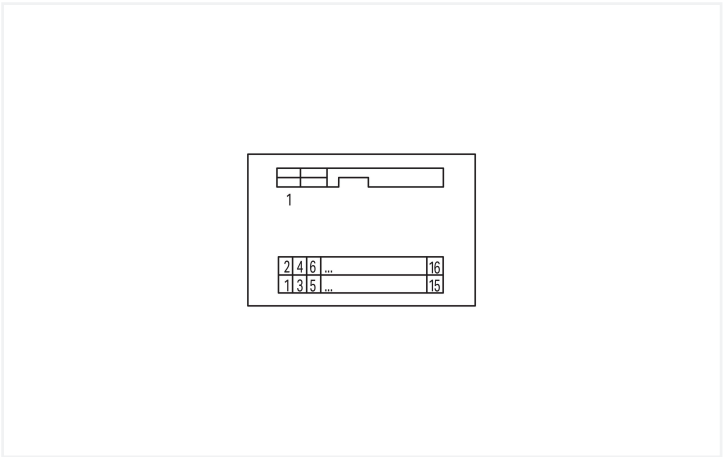


Data Sheet | Item Number: 289-612

Interface module; Pluggable connector per DIN 41651; 14-pole; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

<https://www.wago.com/289-612>



Electrical data		
Operating voltage		≤ 125 VAC/VDC
Nominal current		1 A

Safety and protection		
Rated Voltage		125 V
Rated impulse withstand voltage		0.8 kV
Pollution degree		2
Protection type		IP20
Insulation type		Basic insulation

Connection Data		
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Performance level	3 / 50 mating cycles
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Connection 1		
Pluggable connector		Pluggable connector per DIN 41651; male connector
Pole number 1		14
Connection type		System
Note (conductor cross-section)		12 AWG: THHN, THWN
Mating direction		vertical

Connection 2		
Design		PCB terminal blocks (double-deck)
Pole number		14
Connection type		Field
Connection technology		CAGE CLAMP®
WAGO connector		WAGO 736 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		40 mm / 1.575 inches
Height		85 mm / 3.346 inches
Depth from upper-edge of DIN-rail		48 mm / 1.89 inches

Mechanical data		
Mounting type		DIN-35 rail
Housing design		Mounting carrier

Material data		
Contact material (connector)		Au over Ni
Fire load		0.616 MJ
Weight		47.3 g

Environmental requirements		
Ambient temperature (operation)		-20 ... +55 °C
Ambient temperature (storage)		-40 ... +70 °C
Relative humidity		≤ 85 % (non-condensing)

Standards and Specifications		
Standards/specifications		EN 61010-2-201

Commercial data		
Product Group		6 (INTERFACE ELECTRONIC)
PU (SPU)		5 (1) pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454353575
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 289-612



Documentation

Bid Text			
289-612	19.02.2019	xml 3.46 KB	
289-612	09.02.2015	doc 25.50 KB	

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

CAD/CAE-Data

CAD data
2D/3D Models 289-612



CAE data	
EPLAN Data Portal 289-612	
WSCAD Universe 289-612	
ZUKEN Portal 289-612	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 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

1.1.2 Tool

1.1.2.1 Operating tool

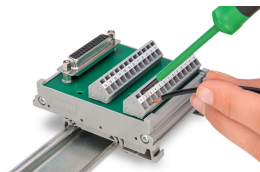


Item No.: 210-720

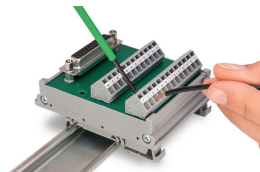
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

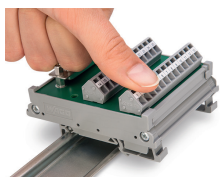


Conductor termination – screwdriver actuation parallel to conductor entry

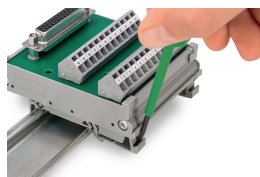


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.