

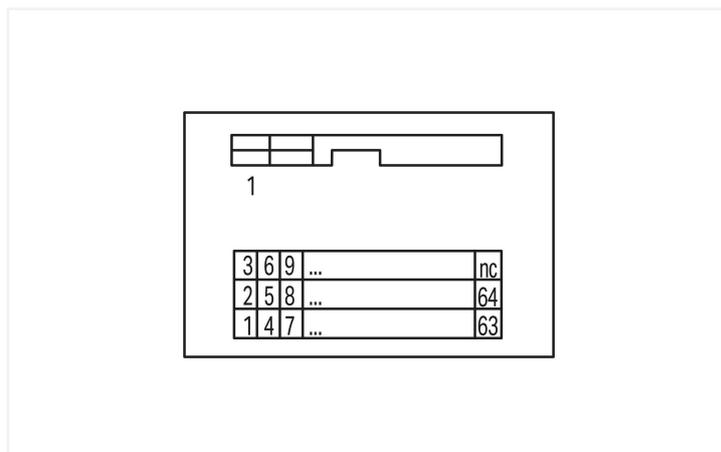
Data Sheet | Item Number: 289-618

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

<https://www.wago.com/289-618>



Similar to illustration



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	≤ 125 VAC/VDC
Nominal current	1 A

Safety and protection

Rated Voltage	125 V
Pollution degree	2
Protection type	IP00
Dielectric strength (channel/channel) (AC, 1 min.)	1.3 kVrms
Insulation type	Functional insulation

Connection data

Performance level	3 / 50 mating cycles
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Connection 1

Pluggable connector	Pluggable connector per DIN 41651; male connector
Pole number 1	50
Connection type	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2

Design	PCB terminal blocks (triple-deck)
Pole number	50
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 737 Series
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG

Connection 2

Strip length	5 ... 6 mm / 0.2 ... 0.24 inches
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Physical data

Width	88 mm / 3.465 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	62 mm / 2.441 inches

Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

Material data

Contact material (connector)	Au over Ni
Fire load	0.996 MJ
Weight	141.5 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
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	3 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454353629
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 8.0	EC002780
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Declarations of conformity and manufacturer's declarations



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

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 289-618

Documentation

Bid Text			
289-618	19.02.2019	xml 3.46 KB	
289-618	09.02.2015	doc 25.50 KB	

Instruction Leaflet			
Operation and Assemb- ly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	

CAD/CAE-Data

CAD data
2D/3D Models 289-618

CAE data
EPLAN Data Portal 289-618
WSCAD Universe 289-618
ZUKEN Portal 289-618

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; translu-
cent

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

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

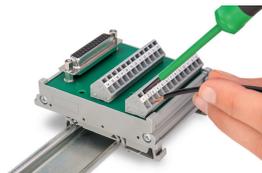


Item No.: 210-720

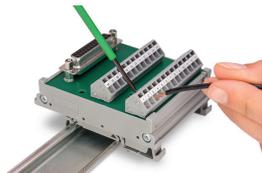
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

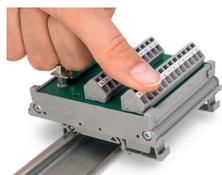


Conductor termination – screwdriver actuation parallel to conductor entry

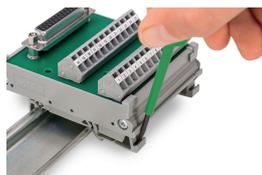


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.