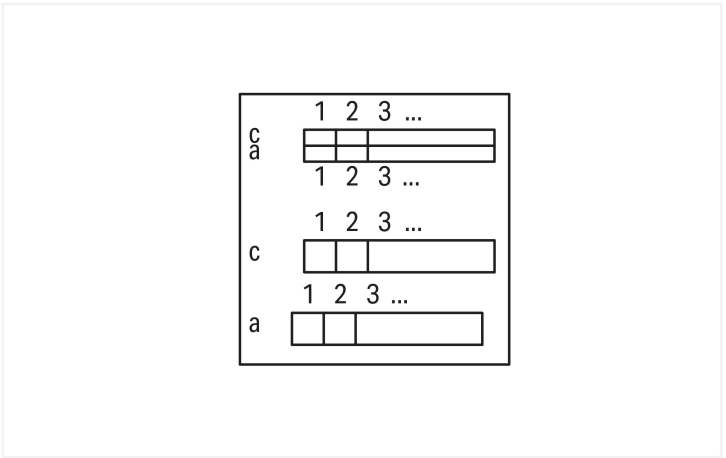
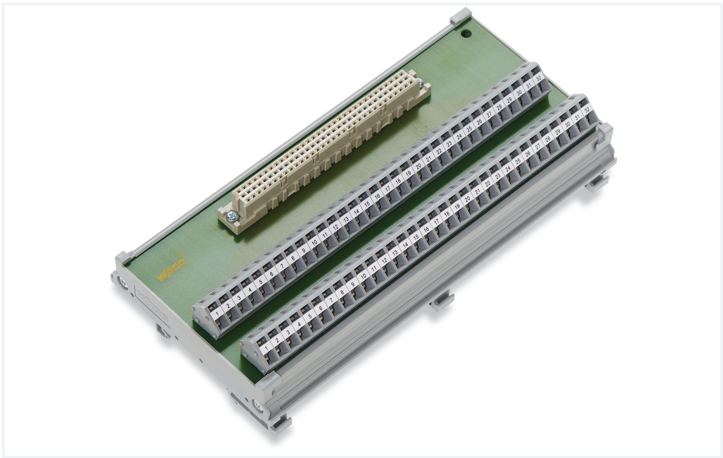


Data Sheet | Item Number: 289-531

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

<https://www.wago.com/289-531>



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; Female connector
Pole number 1	64
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2	
Design 2	PCB terminal blocks (double-row)
Pole number 2	64
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector 2	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	2.08 MJ
Weight	164.4 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	4045454547301
Customs tariff number	85369010000

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
SCIP notification number (Bulgaria)	8a6f0663-dc62-4076-9ce5-56c61daf26ee
SCIP notification number (Czech Republic)	1aadb34f-7bc5-4b8b-9c7a-4e597fe602aa



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 289-531



Documentation

Bid Text

289-531	19.02.2019	xml 3.46 KB	
289-531	09.02.2015	doc 26.50 KB	

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	
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CAD/CAE-Data

CAD data

2D/3D Models 289-531



CAE data

EPLAN Data Portal 289-531	
WSCAD Universe 289-531	
ZUKEN Portal 289-531	

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

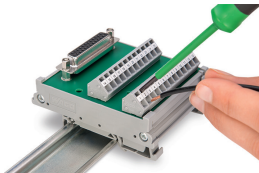
1.1.2.1 Operating tool



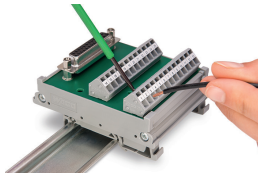
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

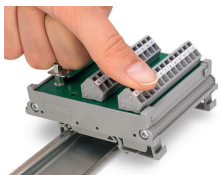


Conductor termination – screwdriver ac-
tuation parallel to conductor entry

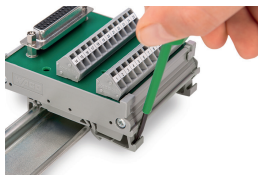


Conductor termination – screwdriver ac-
tuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.