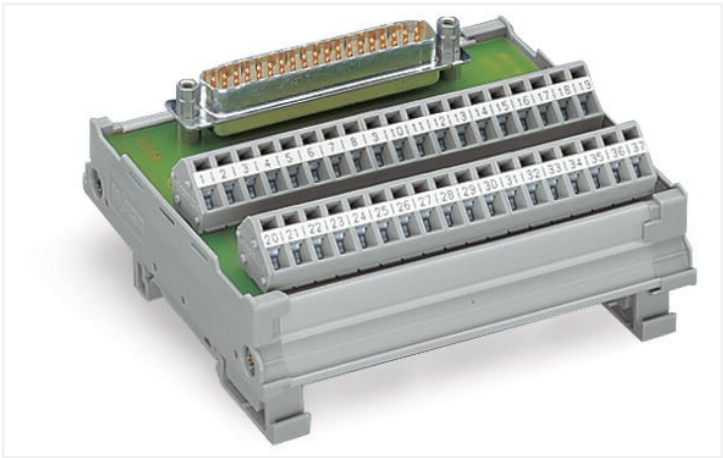


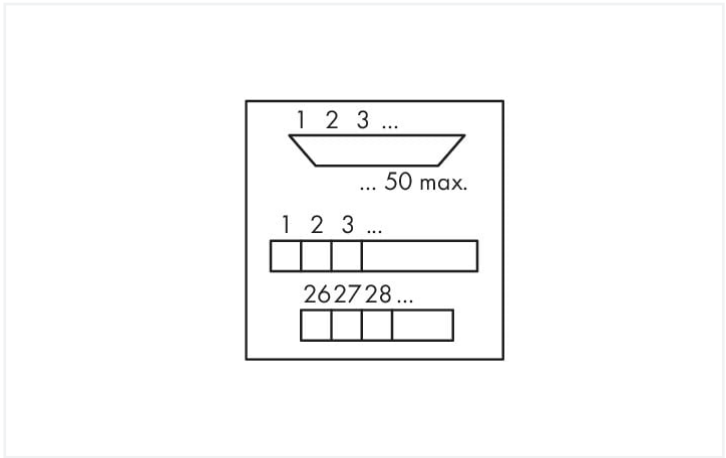
Data Sheet | Item Number: 289-549

Interface module; with solder pin; Male connector; 50-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, triple-row; in mounting carrier; 2,50 mm²

<https://www.wago.com/289-549>



Similar to illustration



Electrical data	
Operating voltage	≤ AC/DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 mΩ

Safety and protection	
Rated voltage	125 V
Pollution degree	2
Protection type	IP00; Notice! Live parts can be easily touched! Protection against direct contact must be provided by the equipment manufacturer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be observed for each individual application.
Dielectric strength (channel/channel) (AC, 1 min.)	0.75 kVrms
Insulation type	Functional insulation

Connection data	
Performance level	2 / 200 mating cycles
Strain relief	UNC 4-40 stud bolt
Connection 1	
Connector	D-subminiature male connector
Pole number 1	50
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2	
Design 2	PCB terminal blocks (triple-row)
Pole number 2	50
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches



Physical data		
Width		94 mm / 3.701 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)		Au over Ni
Fire load		1.383 MJ
Weight		123 g

Environmental requirements		
Ambient temperature (operation)		-20 ... +50 °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)
eCl@ss 10.0		27-14-11-52
eCl@ss 9.0		27-14-11-52
ETIM 8.0		EC002780
ETIM 7.0		EC002780
PU (SPU)		4 (1) pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454322779
Customs tariff number		85366990990

Environmental Product Compliance		
CAS-No.		7439-92-1
REACH Candidate List Substance		Lead
RoHS Compliance Status		Compliant,With Exemption
RoHS Exemption		6(c)
SCIP notification number (Austria)		fce59caa-8605-437a-bb4e-b7b2984f08ea
SCIP notification number (Belgium)		ce097219-59e2-46c5-a0fe-1e6db5626ab2
SCIP notification number (Bulgaria)		9a7b3033-cf81-4382-97bb-0376b37e1fb9
SCIP notification number (Czech Republic)		dc1eddd7-0b1f-4b64-9d34-f620dd0cf606
SCIP notification number (Denmark)		a97d6c4c-7fb5-42f0-8e69-0f9ab9764430
SCIP notification number (Finland)		0cfa19da-d0bb-47d3-afd9-a6db89a5fada
SCIP notification number (France)		e21335a4-783b-4b97-a5b6-39e33c295401
SCIP notification number (Germany)		6326bb9f-73f8-4d65-9ba5-4ae622e164bb
SCIP notification number (Hungary)		34c6725a-46c5-4332-8652-90742fc37fb5
SCIP notification number (Italy)		51e0154d-8f1e-41c2-8050-97e3d6f33dc3
SCIP notification number (Netherlands)		1918f7fe-6245-4942-bd17-551945470aa5
SCIP notification number (Poland)		2cf482d2-038b-4e47-81d8-ef7aba2f4924



Environmental Product Compliance	
SCIP notification number (Romania)	805329a6-9362-4de8-a83f-f3f29d741763
SCIP notification number (Sweden)	Ofa78354-eab2-4667-a49b-1ddefcbcf444

Approvals / Certificates	
General approvals	Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs- stelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122/19
UL Underwriters Laboratories Inc. (ORDINARY LOCATI- ONS)	UL 508	E175199 Vol.2 Sec.1

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

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 289-549	

Documentation	
Bid Text	Instruction Leaflet
289-549 06.02.2015 doc 26.00 KB 	pdf 1246.19 KB

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 289-549 	EPLAN Data Portal 289-549
	WSCAD Universe 289-549
	ZUKEN Portal 289-549

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

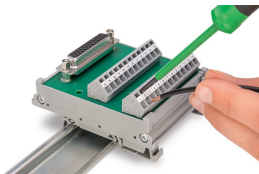
1.1.2.1 Operating tool



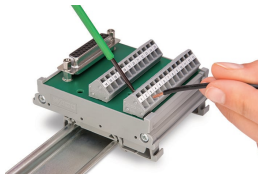
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

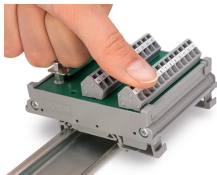


Conductor termination – screwdriver actuation parallel to conductor entry

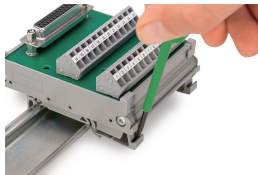


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.