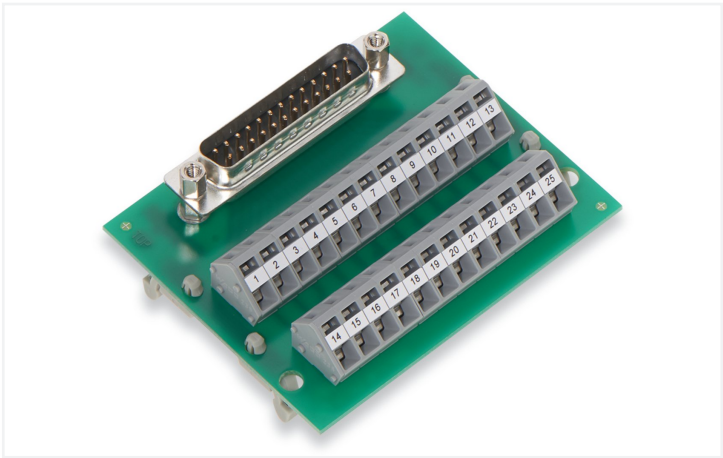


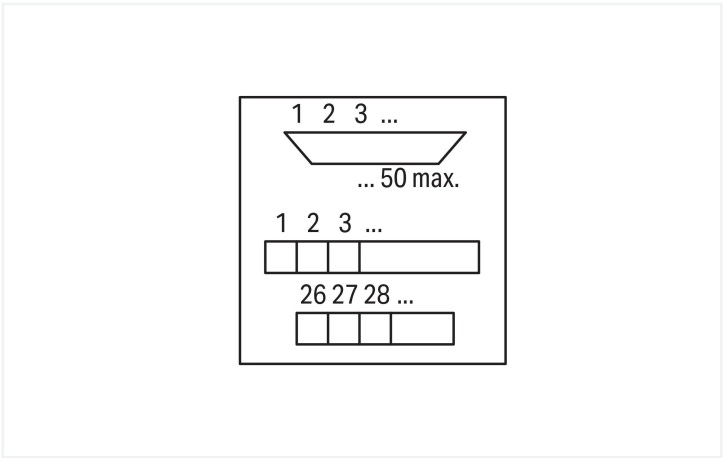
Data Sheet | Item Number: 289-449

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

<https://www.wago.com/289-449>



Similar to illustration



Notes	
Safety Information	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.

Electrical data	
Operating voltage	≤ 30 VAC; ≤ 50 VDC
Nominal current	1 A
Contact resistance (max.)	30 mΩ

Safety and protection	
Rated Voltage	50 V
Rated impulse withstand voltage	0.8 kV
Pollution degree	2
Protection type	IP00
Insulation type	Basic insulation

Connection data		
Performance level	2 / 200 mating cycles	Connection 1 Pluggable connectorD-subminiature male connector Pole number 150 Connection type 1System Note (conductor cross-section)12 AWG: THHN, THWN Mating directionvertical
Strain relief	UNC 4-40 stud bolt	



Connection 2	
Design 2	PCB terminal blocks (double-row)
Pole number 2	50
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	157 mm / 6.181 inches
Height	63.5 mm / 2.5 inches
Depth from upper-edge of DIN-rail	19 mm / 0.748 inches

Mechanical data	
Mounting type	DIN-35 rail
Housing design	PCB with mounting feet

Material data	
Contact material (connector)	Au over Ni
Fire load	0.084 MJ
Weight	98.7 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 9.0	EC002780
ETIM 8.0	EC002780
PU (SPU)	5 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454599423
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)	f37bd52d-cd1e-4a17-8b6f-4b4aab35e041
SCIP notification number (Belgium)	8f5f0157-2460-42b1-8f0e-e973920c5ac9
SCIP notification number (Bulgaria)	a1fe57e8-c7e2-4083-ad37-f47ff4a9b3d0
SCIP notification number (Czech Republic)	3115decb-3499-4b66-a6c3-d2f3c8ad1a7d
SCIP notification number (Denmark)	3d5644c9-b42c-41b9-b0c8-bad9387248b9
SCIP notification number (Finland)	02548901-7b45-497a-accb-3a0379fbeba7
SCIP notification number (France)	0b73c2fc-5523-44c2-8420-28a35cc9775b
SCIP notification number (Germany)	1564835a-eec6-4b59-adf1-f87a59435c4a
SCIP notification number (Hungary)	07e198eb-8d32-4ba2-b773-df9dffa3cd08
SCIP notification number (Italy)	fb299edc-3755-44b5-8273-50a52b8b570f
SCIP notification number (Netherlands)	c5fc6a9b-d5ea-447b-a257-26191caee825
SCIP notification number (Poland)	50d0a6f1-89ad-4ce5-bc92-c2911bd5ead
SCIP notification number (Romania)	c4d4ffbd-ec01-4af8-a497-6d5498258bc7
SCIP notification number (Sweden)	e806ae4d-101d-44aa-9e74-645a0094d4fc

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 289-449	

Documentation			
Bid Text		Instruction Leaflet	
289-449	06.02.2015	doc	pdf
		26.00 KB	1246.19 KB

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 289-449	EPLAN Data Portal 289-449
	WSCAD Universe 289-449
	ZUKEN Portal 289-449

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 Tool

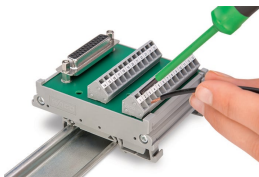
1.1.2.1 Operating tool



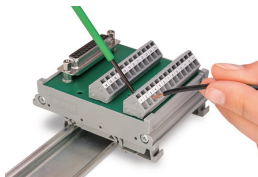
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



Conductor termination – screwdriver ac-
tuation parallel to conductor entry



Conductor termination – screwdriver ac-
tuation perpendicular to conductor entry