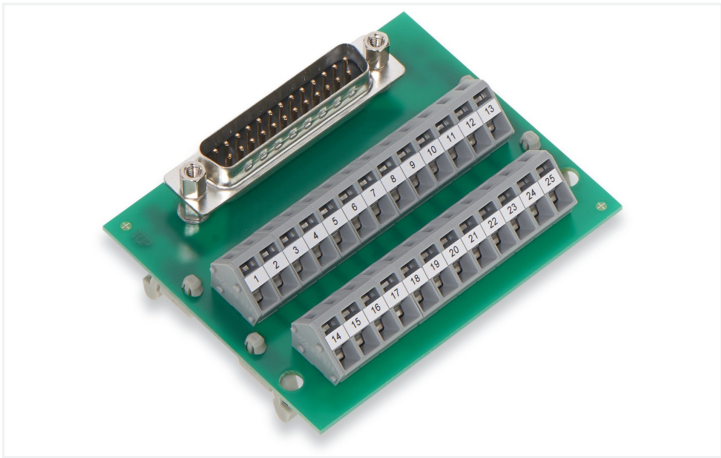


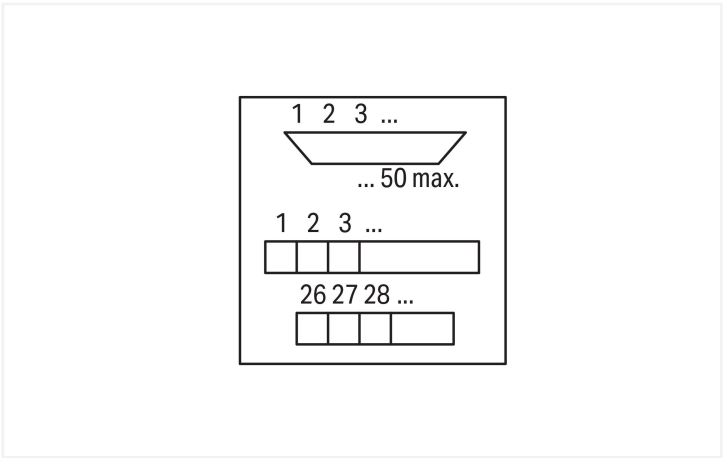
Data Sheet | Item Number: 289-446

Interface module; with solder pin; Male connector; 15-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; 2,50 mm²

<https://www.wago.com/289-446>



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 <table><tr><td>Pluggable connector</td><td>D-subminiature male connector</td></tr><tr><td>Pole number 1</td><td>15</td></tr><tr><td>Connection type 1</td><td>System</td></tr><tr><td>Note (conductor cross-section)</td><td>12 AWG: THHN, THWN</td></tr><tr><td>Mating direction</td><td>vertical</td></tr></table>	Pluggable connector	D-subminiature male connector	Pole number 1	15	Connection type 1	System	Note (conductor cross-section)	12 AWG: THHN, THWN	Mating direction	vertical
Pluggable connector	D-subminiature male connector											
Pole number 1	15											
Connection type 1	System											
Note (conductor cross-section)	12 AWG: THHN, THWN											
Mating direction	vertical											
Strain relief	UNC 4-40 stud bolt											



Connection 2	
Design 2	PCB terminal blocks (double-row)
Pole number 2	15
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	53.5 mm / 2.106 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	0.056 MJ
Weight	36.1 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)	15 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454413545
Customs tariff number	85366990990



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 289-446	↓

Documentation			
Bid Text		Instruction Leaflet	
289-446	06.02.2015	doc 26.00 KB	↓
		pdf 1246.19 KB	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 289-446	EPLAN Data Portal 289-446
↓	↓
	WSCAD Universe 289-446
	↓
	ZUKEN Portal 289-446
	↓

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	
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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

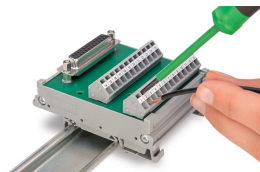


Item No.: 210-720

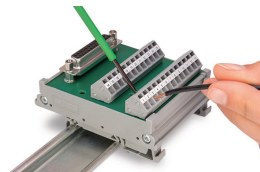
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry