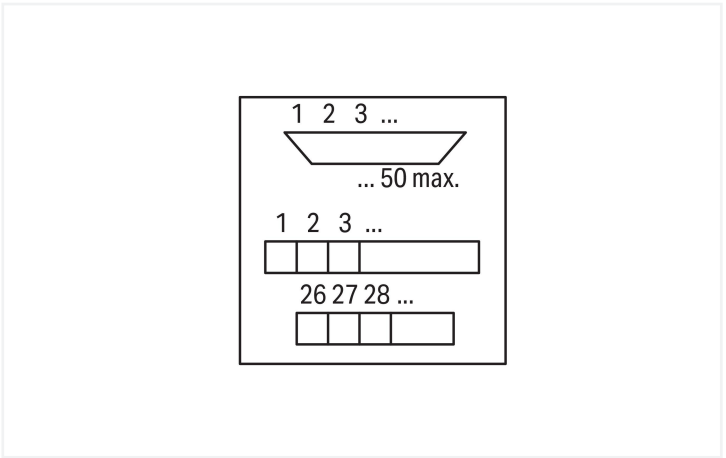
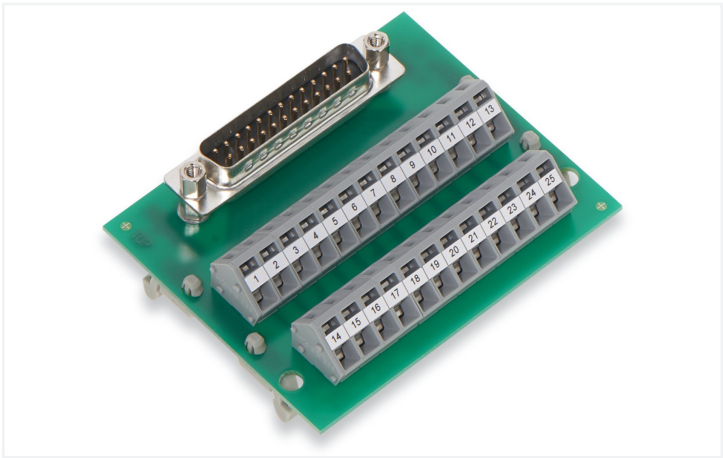


Data Sheet | Item Number: 289-447

Interface module; with solder pin; Male connector; 25-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; 2,50 mm²

<https://www.wago.com/289-447>



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
Strain relief	UNC 4-40 stud bolt
Connection 1	
Pluggable connector	D-subminiature male connector
Pole number 1	25
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	25
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series

Connection 2	
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		79 mm / 3.11 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		50.2 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)		10 (1) pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454560515
Customs tariff number		85366990990

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption



Downloads		
Environmental Product Compliance		
Compliance Search		
Environmental Product Compliance 289-447		↓

Documentation		
Bid Text		Instruction Leaflet
289-447	06.02.2015 doc 26.00 KB	pdf 1246.19 KB
	↓	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 289-447	EPLAN Data Portal 289-447
↓	↓
	WSCAD Universe 289-447
	↓
	ZUKEN Portal 289-447
	↓

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

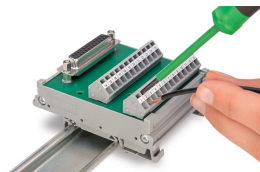


Item No.: 210-720

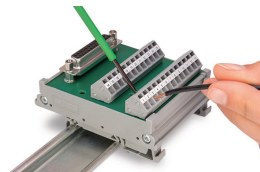
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry