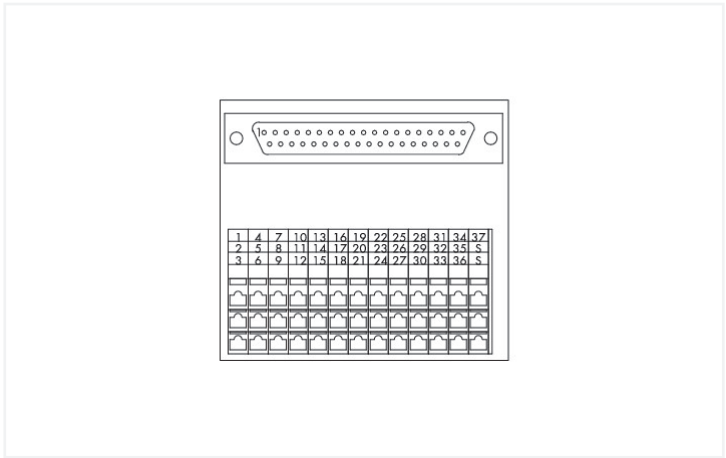


Data Sheet | Item Number: 289-621

Interface module; with solder pin; Male connector; 37-pole; Mating connector with solder connection; Vertical mounting; Triple-deck PCB terminal blocks; in mounting carrier; with shield connection; 2,50 mm²

<https://www.wago.com/289-621>



Electrical data

Operating voltage	≤ AC/DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 mΩ
Specialty functions	With shield connection

Safety and protection

Rated voltage	125 V
Rated surge voltage	0.8 kV
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.)	1.3 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	37
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2	
Design 2	PCB terminal blocks (triple-deck)
Pole number 2	39
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 737 Series
Solid conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG

Connection 2	
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches



Physical data		
Width		74 mm / 2.913 inches
Height		85 mm / 3.346 inches
Depth from upper-edge of DIN-rail		62 mm / 2.441 inches

Mechanical data		
Mounting type		DIN-35 rail
Housing design		Mounting carrier

Material data		
Contact material (connector)		Au over Ni
Fire load		1.203 MJ
Weight		121.2 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 8.0		EC002780
ETIM 7.0		EC002780
PU (SPU)		3 (1) pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454366995
Customs tariff number		85366990990

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Approvals / Certificates

General approvals



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



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-621

Download icon

Documentation

Bid Text

289-621

19.02.2019

xml

3.59 KB

Download icon

289-621

06.02.2015

doc

26.50 KB

Download icon

Instruction Leaflet

pdf

1246.19 KB

Download icon

CAD/CAE-Data

CAD data

2D/3D Models 289-621

Download icon

CAE data

EPLAN Data Portal 289-621

Download icon

WSCAD Universe 289-621

Download icon

ZUKEN Portal 289-621

Download icon

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

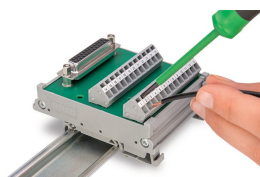
1.1.2.1 Operating tool



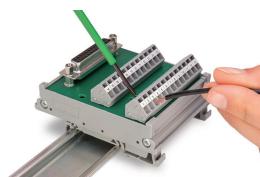
[Item No.: 210-720](#)
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

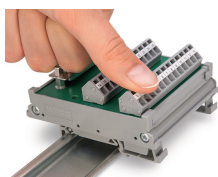


Conductor termination – screwdriver actuation parallel to conductor entry

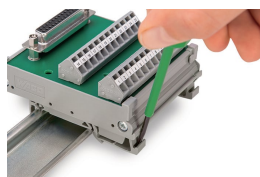


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.