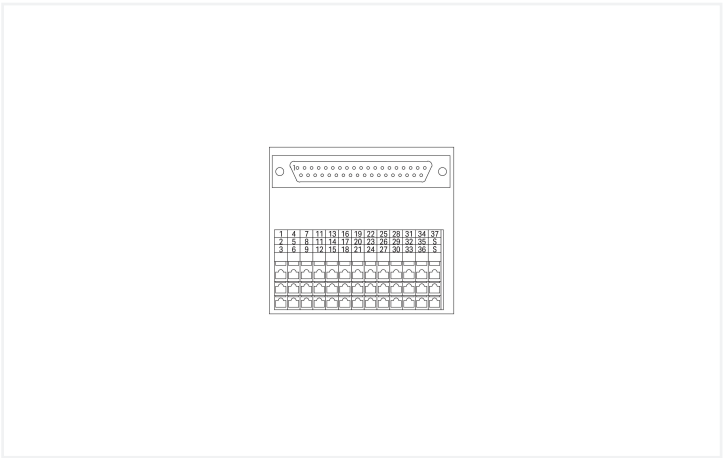


Data Sheet | Item Number: 289-621

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>



Notes	
Safety Information	Notice! Accessible live parts! Protection against accidental contact must be provided by the system installer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be followed for each specific application.

Electrical data	
Operating voltage	≤ 125 VAC/VDC
Nominal current	2 A
Contact resistance (max.)	30 mΩ
Specialty functions	With shield connection

Safety and protection	
Rated Voltage	125 V
Rated impulse withstand voltage	0.8 kV
Pollution degree	2
Protection type	IP00
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	
Pluggable connector	D-subminiature male connector
Pole number 1	37
Connection type	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical



Connection 2	
Design	PCB terminal blocks (triple-deck)
Pole number	39
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 737 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	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	0.881 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)	
PU (SPU)	3 (1) pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4045454366995	
Customs tariff number	85366990990	



Product Classification	
UNSPSC	39121421
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 9.0	EC002780
ETIM 10.0	EC002780
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
		
Approval	Standard	Certificate Name
cURus Underwriters Laboratories Inc.	UL 508	E175199 Vol.2 Sec.1
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084
Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 289-621	

Documentation			
Bid Text		Instruction Leaflet	
289-621	19.02.2019	xml 3.59 KB	
289-621	06.02.2015	doc 26.50 KB	
		Operation and Assemb- ly Instructions Interface	V 1.0.0 02.04.2025
		pdf 1246.19 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 289-621	EPLAN Data Portal 289-621
	
	WSCAD Universe 289-621
	
	ZUKEN Portal 289-621
	

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



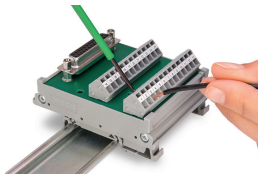
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

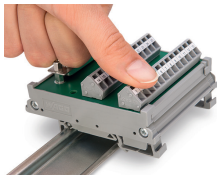


Conductor termination – screwdriver actuation parallel to conductor entry

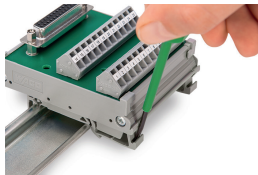


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.