

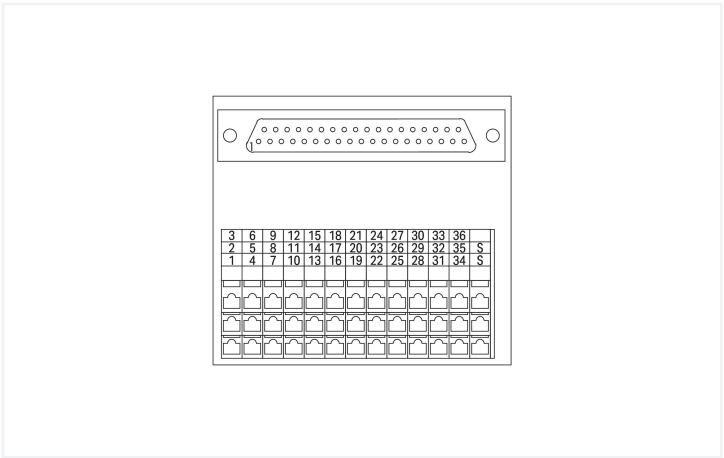
Data Sheet | Item Number: 289-623

Interface module; with solder pin; Female connector; 25-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/289-623>



Similar to illustration



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 female connector
Pole number 1	25
Connection type	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical



Connection 2	
Design	PCB terminal blocks (triple-deck)
Pole number	27
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	56 mm / 2.205 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	0.75 MJ
Weight	94.5 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)	4 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454417192
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 8.0	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									
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
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Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 289-623	

Documentation						
Bid Text			Instruction Leaflet			
289-623	19.02.2019	xml 3.66 KB	Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	
289-623	06.02.2015	doc 27.00 KB				

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 289-623	EPLAN Data Portal 289-623
	WSCAD Universe 289-623
	ZUKEN Portal 289-623

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



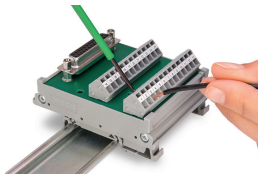
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

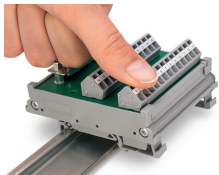


Conductor termination – screwdriver actuation parallel to conductor entry

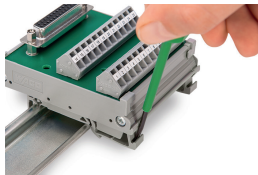


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.