

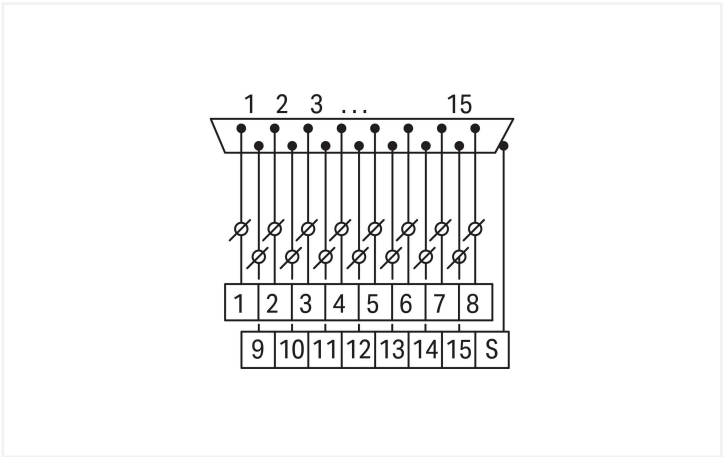
Data Sheet | Item Number: 289-721

Interface module; with solder pin; Male connector; 15-pole; Double-deck PCB terminal blocks; in mounting carrier; Mating connector for solder connection; 2,50 mm²

<https://www.wago.com/289-721>



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.

Note

One solder terminal per pole is available for testing and patching (except for shield contact).

Electrical data

Operating voltage	≤ 30 VAC; ≤ 50 VDC
Nominal current	2 A
Contact resistance (max.)	30 mΩ
Specialty functions	With solder pin With shield connection

Safety and protection

Rated Voltage	50 V
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	HD D-sub male connector
Pole number 1	15
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical



Connection 2	
Design 2	PCB terminal blocks (double-deck)
Pole number 2	16
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector 2	WAGO 736 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	43.5 mm / 1.713 inches	
Height	85 mm / 3.346 inches	
Depth from upper-edge of DIN-rail	48 mm / 1.89 inches	

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

Material data		
Contact material (connector)	Au over Ni	
Fire load	0.934 MJ	
Weight	64.4 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)	7 (1) pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4045454413637	
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

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Environmental Product Compliance

Compliance Search

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Documentation				
Bid Text			Instruction Leaflet	
289-721	19.02.2019	xml 3.70 KB	Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025 pdf 1246.19 KB
289-721	09.02.2015	doc 27.00 KB		

CAD/CAE-Data		
CAD data		CAE data
2D/3D Models 289-721		EPLAN Data Portal 289-721
		WSCAD Universe 289-721
		ZUKEN Portal 289-721

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 Marking

1.1.2.1 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

1.1.3 Tool

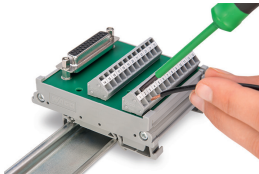
1.1.3.1 Operating tool



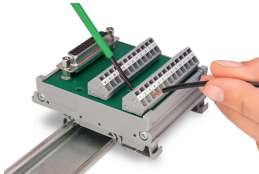
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

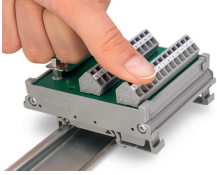


Conductor termination – screwdriver actuation parallel to conductor entry

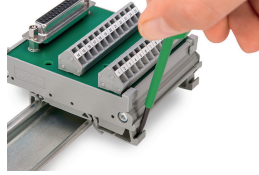


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.