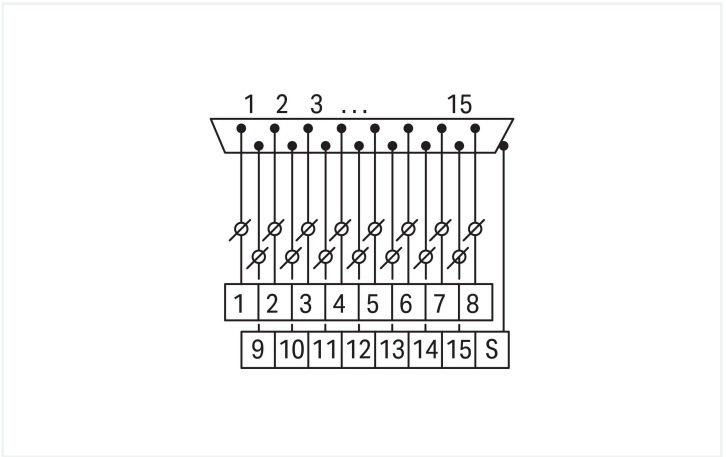


Data Sheet | Item Number: 289-720

Interface module; with solder pin; Male connector; 9-pole; Double-deck PCB terminal blocks; in mounting carrier; Mating connector for solder connection; 2,50 mm²

<https://www.wago.com/289-720>



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	<div>Connection 1</div> <div>Pluggable connectorHD D-sub male connector</div> <div>Pole number 19</div> <div>Connection typeSystem</div> <div>Note (conductor cross-section)12 AWG: THHN, THWN</div> <div>Mating directionvertical</div>
Strain relief	UNC 4-40 stud bolt	



Connection 2	
Design	PCB terminal blocks (double-deck)
Pole number	10
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector	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	33.5 mm / 1.319 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	0.856 MJ
Weight	50.7 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)	8 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454367176
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



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 289-720	↓

Documentation

Bid Text			
289-720	19.02.2019	xml 3.70 KB	↓
289-720	09.02.2015	doc 26.50 KB	↓

Instruction Leaflet			
Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 289-720	↓

CAE data	
EPLAN Data Portal 289-720	↓
WSCAD Universe 289-720	↓
ZUKEN Portal 289-720	↓

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

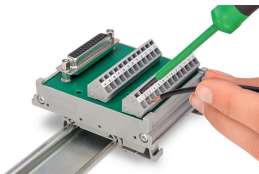
1.1.3.1 Operating tool



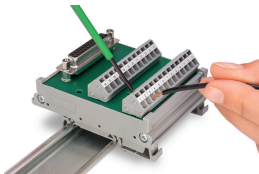
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

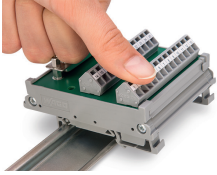


Conductor termination – screwdriver actuation parallel to conductor entry

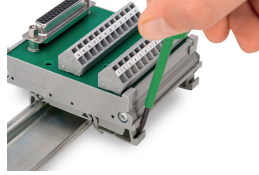


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.