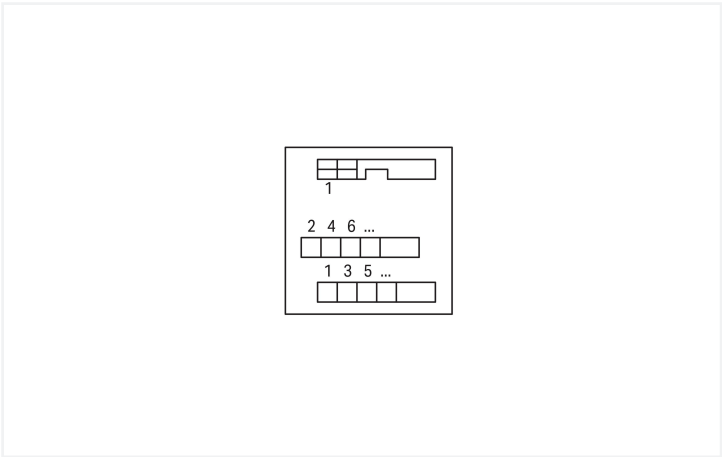




Similar to illustration

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		1 A

Safety and protection		
Rated Voltage		125 V
Pollution degree		2
Protection type		IP00
Dielectric strength (channel/channel) (AC, 1 min.)		0.75 kVrms
Insulation type		Functional insulation

Connection Data		
Performance level	3 / 50 mating cycles	
		Connection 1
		Pluggable connector
		Pluggable connector per DIN 41651; male connector
		Pole number 1
		64
		Connection type
		System
		Note (conductor cross-section)
		12 AWG: THHN, THWN
		Mating direction
		vertical



Connection 2	
Design	PCB terminal blocks (double-row)
Pole number	64
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 236 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	170 mm / 6.693 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	36 mm / 1.417 inches

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

Material data	
Contact material (connector)	Au over Ni
Fire load	1.621 MJ
Weight	167 g

Environmental requirements	
Ambient temperature (operation)	-20 ... +55 °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	4045454343255
Customs tariff number	85366990990



Product Classification	
UNSPSC	39121409
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



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

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 289-509	↓

Documentation

Bid Text			
289-509	09.02.2015	doc 25.00 KB	↓
289-509	19.02.2019	xml 3.26 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 289-509	↓

CAE data	
EPLAN Data Portal 289-509	↓
WSCAD Universe 289-509	↓
ZUKEN Portal 289-509	↓

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

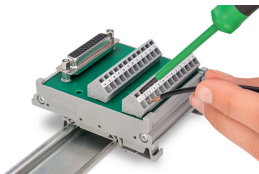
1.1.2.1 Operating tool



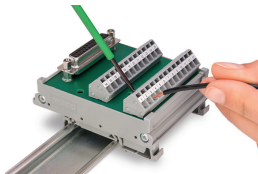
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

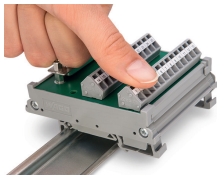


Conductor termination – screwdriver actuation parallel to conductor entry

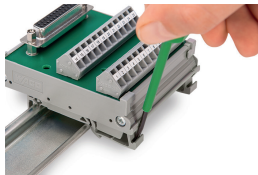


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.