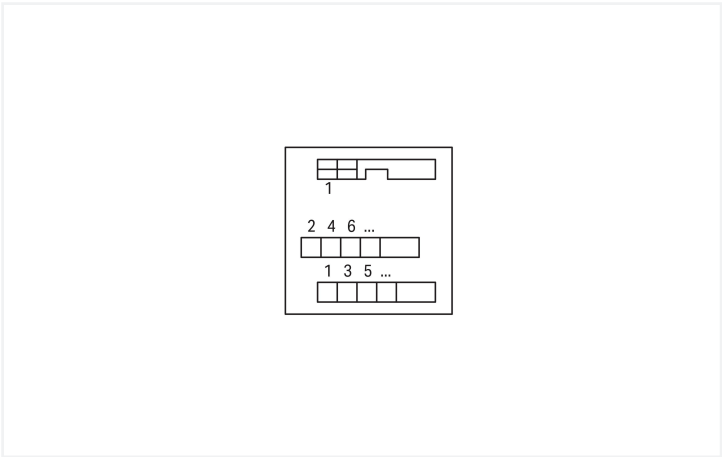
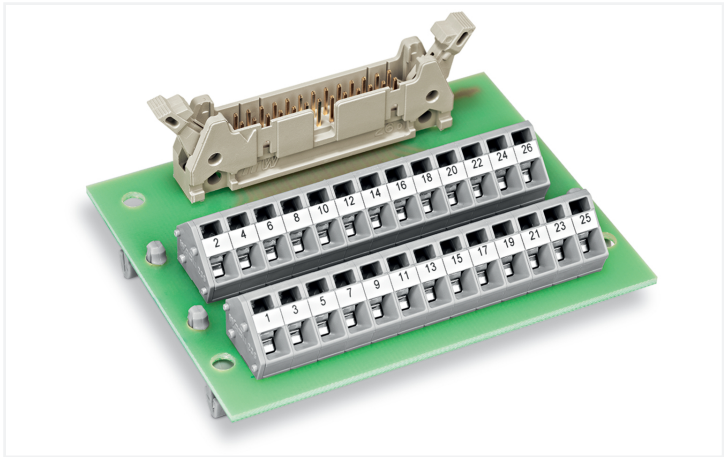




Similar to illustration

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		≤ 30 VAC; ≤ 50 VDC
Nominal current		1 A

Safety and protection		
Rated Voltage		50 V
Rated impulse withstand voltage		0.8 kV
Pollution degree		2
Protection type		IP00
Insulation type		Basic insulation

Connection Data		
Performance level	3 / 50 mating cycles	
		Connection 1
		Pluggable connector
		Pluggable connector per DIN 41651; male connector
		Pole number 1
		16
		Connection type
		System
		Note (conductor cross-section)
		12 AWG: THHN, THWN
		Mating direction
		vertical



Connection 2	
Design	PCB terminal blocks (double-row)
Pole number	16
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	56.5 mm / 2.224 inches
Height	63.5 mm / 2.5 inches
Depth from upper-edge of DIN-rail	28 mm / 1.102 inches

Mechanical data	
Mounting type	DIN-35 rail
Housing design	PCB with mounting feet

Material data	
Contact material (connector)	Au over Ni
Fire load	0.056 MJ
Weight	33 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)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454759209
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

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-403

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Documentation				
Bid Text			Instruction Leaflet	
289-403	19.02.2019	xml 3.26 KB	Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025 pdf 1246.19 KB
289-403	09.02.2015	doc 25.00 KB		

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 289-403	EPLAN Data Portal 289-403
	WSCAD Universe 289-403
	ZUKEN Portal 289-403

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 Tool

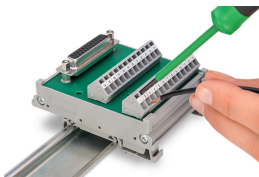
1.1.2.1 Operating tool



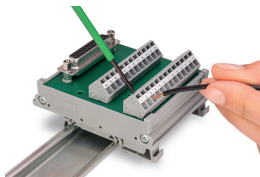
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



Conductor termination – screwdriver ac-
tuation parallel to conductor entry



Conductor termination – screwdriver ac-
tuation perpendicular to conductor entry