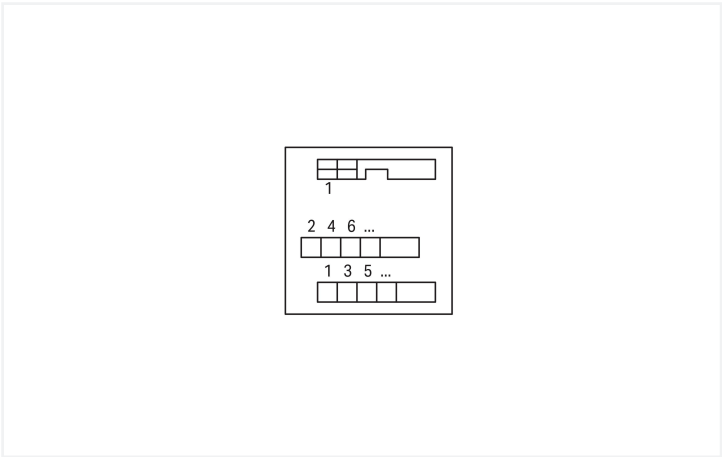
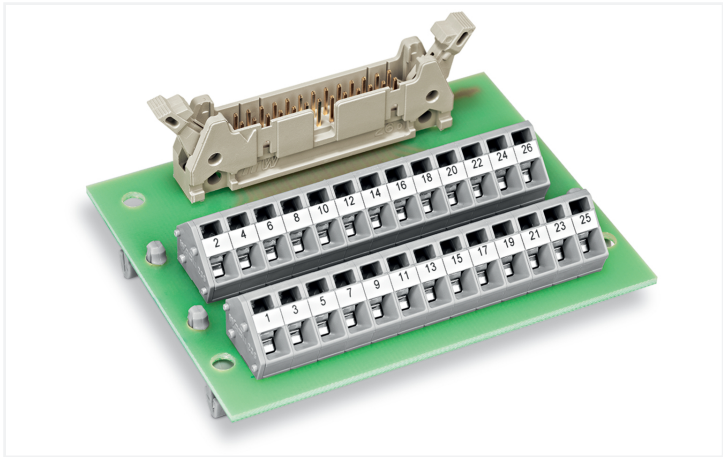




Similar to illustration

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
		40
		Connection type
		System
		Note (conductor cross-section)
		12 AWG: THHN, THWN
		Mating direction
		vertical



Connection 2	
Design	PCB terminal blocks (double-row)
Pole number	40
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	126 mm / 4.961 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	0.084 MJ	
Weight	73.1 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)	5 (1) pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4045454353421	
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 8.0		EC002780
ECCN		NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

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Compliance Search

Environmental Product Compliance 289-407

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Documentation			
Bid Text		Instruction Leaflet	
289-407	19.02.2019	xml	3.26 KB
			↓
289-407	09.02.2015	doc	25.00 KB
			↓
		Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025
		pdf	1246.19 KB
			↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 289-407	EPLAN Data Portal 289-407
	↓
	WSCAD Universe 289-407
	↓
	ZUKEN Portal 289-407
	↓

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

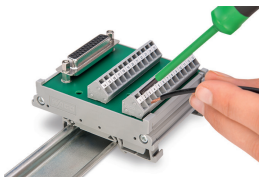
1.1.2.1 Operating tool



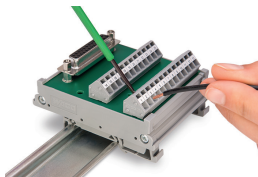
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



Conductor termination – screwdriver ac-
tuation parallel to conductor entry



Conductor termination – screwdriver ac-
tuation perpendicular to conductor entry