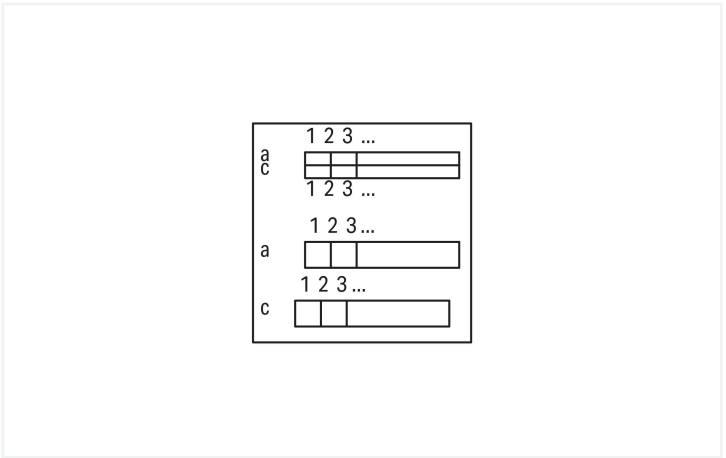
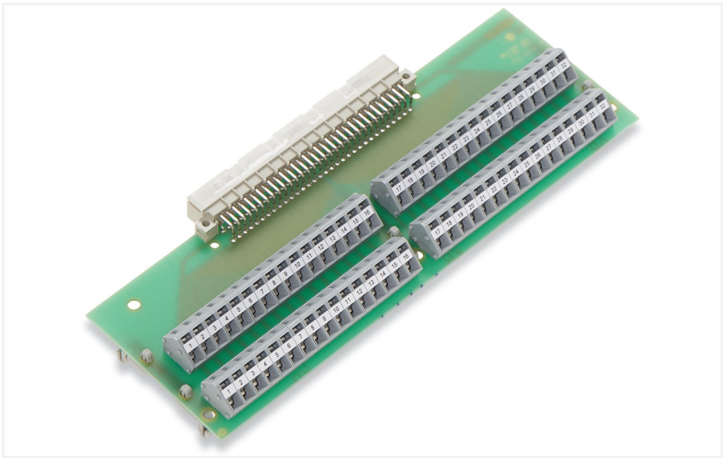


Data Sheet | Item Number: 289-427

Interface module; Pluggable connector per DIN 41612; 64-pole; Mating connector for solder connection; Horizontal mounting; PCB terminal blocks, double-row; with mounting feet; Type C; 2,50 mm²

<https://www.wago.com/289-427>



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.

Electrical data		
Operating voltage		≤ 30 VAC; ≤ 50 VDC
Nominal current		1 A
Contact resistance (max.)		20 mΩ

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

Connection data		
Performance level	2 / 400 mating cycles	
Connection 1		
Pluggable connector		Pluggable connector per DIN 41612; Type C; Male connector
Pole number 1		64
Connection type 1		System
Note (conductor cross-section)		12 AWG: THHN, THWN
Mating direction		horizontal

Connection 2		
Design 2		PCB terminal blocks (double-row)
Pole number 2		64
Connection type		Field
Connection technology		CAGE CLAMP®
WAGO connector 2		WAGO 236 Series
Solid conductor		0.08 ... 2.5 mm ² / 28 ... 12 AWG

Connection 2		
Fine-stranded conductor		0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length		5 ... 6 mm / 0.2 ... 0.24 inches



Physical data	
Width	187 mm / 7.362 inches
Height	63.5 mm / 2.5 inches
Depth from upper-edge of DIN-rail	21 mm / 0.827 inches

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

Material data	
Contact material (connector)	Copper alloy; gold plated
Fire load	0.084 MJ
Weight	107.6 g

Environmental requirements	
Ambient temperature (operation)	-20 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	≤ 85 % (non-condensing)

Commercial data	
Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 9.0	EC002780
ETIM 8.0	EC002780
PU (SPU)	5 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454715922
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-427

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Documentation				
Bid Text			Instruction Leaflet	
289-427	19.02.2019	xml 3.44 KB	pdf 1246.19 KB	
289-427	09.02.2015	doc 26.00 KB		

CAD/CAE-Data	
CAE data	
EPLAN Data Portal 289-427	
WSCAD Universe 289-427	

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

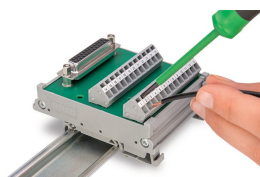
1.1.2 Tool
1.1.2.1 Operating tool



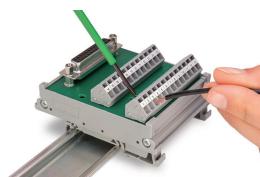
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry