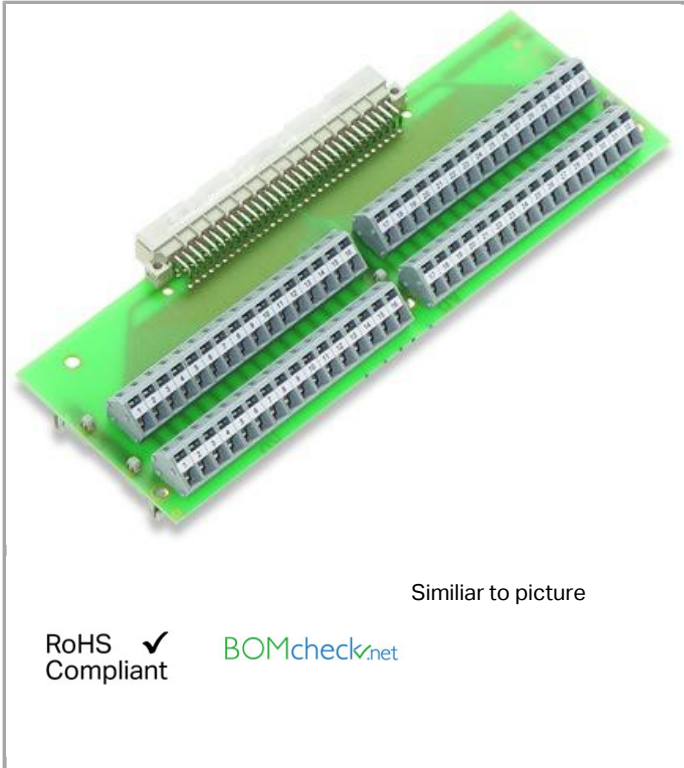


## Data sheet | Item number: 289-427

Interface module; with male connector; 64-pole; for DIN 35 rail; CAGE CLAMP®CONNECTION; for female header with solder contact; Type C; for connectors per DIN 41612; Horizontal mounting



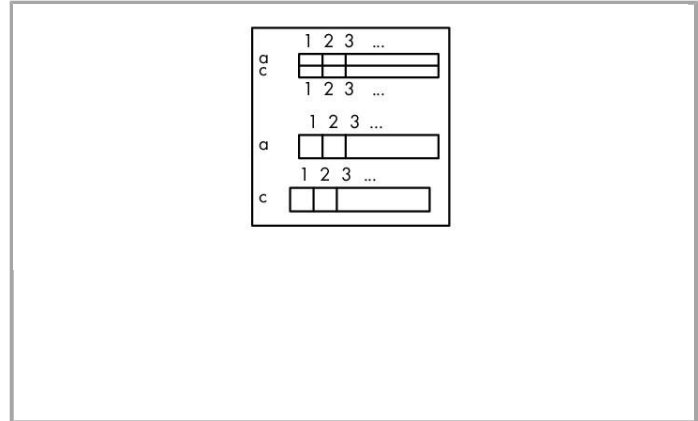
[www.wago.com/289-427](http://www.wago.com/289-427)



Similar to picture

RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)



### Data

#### Electrical data

Operating voltage	$\leq 30 \text{ VAC}; \leq 50 \text{ VDC}$
Nominal current	1 A
Contact resistance (max.)	20 m $\Omega$

#### Safety and protection:

Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	2
Degree of protection	IP00*
Note on Protection Type	* Notice! Live conductors! Protection against direct contact must be provided by the equipment builder, e.g., using a WAGO 709 Series cover (see Accessories) or a similar cover. The installation requirements for the particular application must be observed.



## Connection data

No. of poles	64
Connection type (1)	System
No. of poles 1	64
Pluggable connector	Pluggable connector per DIN 41612; type C; male connector
For mating connectors	With solder connection
Mating direction	Horizontal
Connection type (2)	Field
No. of poles 2	64
Design 2	PCB terminal blocks, 2-row
Connection technology 2	CAGE CLAMP®
WAGO terminal 2	WAGO 236 Series
Solid conductor (2)	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor (2)	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length (2)	5 ... 6 mm / 0.2 ... 0.24 Inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	2 / 400 mating cycles

## Geometrical Data

Width	187 mm / 7.362 inch
Height from upper-edge of DIN-35 rail	21 mm / 0.827 inch
Depth	63.5 mm / 2.5 inch

## Mechanical data

Type of mounting	DIN-35 rail
Housing design	PCB with mounting feet

## Material Data

Contact material (pluggable connector)	Copper alloy, gold plated
Fire load	3.571 MJ
Weight	107.553 g

## Environmental Requirements

Surrounding air (operating) temperature	-20 ... 50 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Relative humidity	≤ 85 % (non condensing)



### Commercial data

Country of origin	DE
GTIN	4045454715922
Product Group	6 (Interface Electronics)

### Compatible products

#### tools



**Item no.: 210-720**

Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

[www.wago.com/210-720](http://www.wago.com/210-720)

#### assembling



**Item no.: 709-153**

Cover; Type 1; suitable for cover carrier, type 1; 1 m long

[www.wago.com/709-153](http://www.wago.com/709-153)



**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

[www.wago.com/709-167](http://www.wago.com/709-167)

### Downloads

#### Documentation

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	Download
		265.8 kB

Subject to changes.

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Do you have any questions about our products?  
 We are always happy to take your call at {0}.