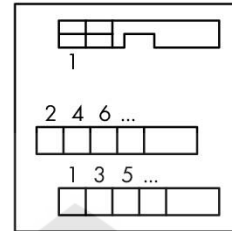


## Data sheet | Item number: 289-409

Interface module; Pluggable connector per DIN 41651; 64-pole; PCB terminal blocks, double-row; with mounting feet; 2,50 mm<sup>2</sup>



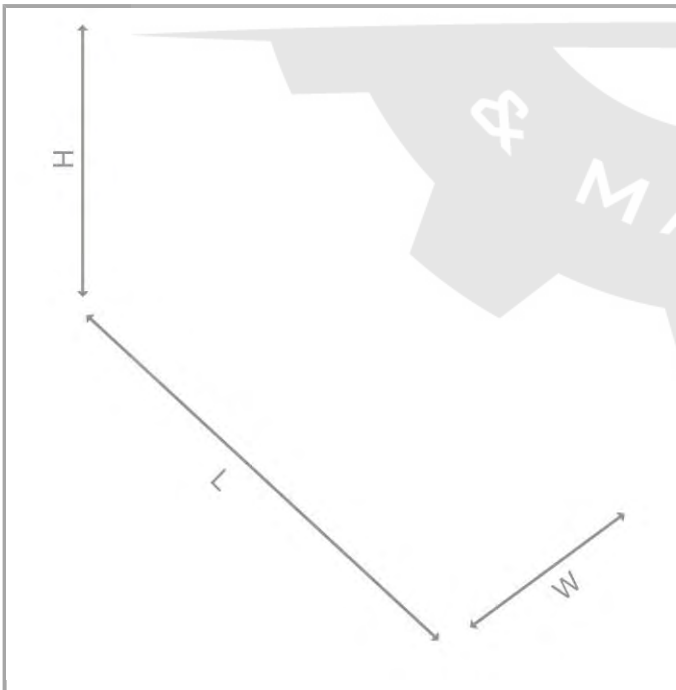
289-409



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Data



## Electrical Data

Operating voltage	≤ AC 30 V; ≤ DC 50 V
Nominal current	1 A

## Safety and protection:

Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	2
Protection class	IP00*
Note on protection class	* 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

Connection type (1)	System
No. of poles	64
Pluggable connector	Pluggable connector per DIN 41651; male connector
Mating direction	Vertical
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 mm² / 28 12 AWG
Fine-stranded conductor (2)	0.08 2.5 mm² / 28 12 AWG
Strip length (2)	5 6 mm / 0.2 0.24 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	3 / 50 mating cycles

## Geometrical Data

Width	187 mm / 7.362 inch
Height from upper-edge of DIN-35 rail	28 mm / 1.102 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)	Au over Ni
Fire load	0.871 MJ
Weight	108.46 g

## Environmental Requirements

Surrounding air (operating) temperature	-20 55 °C
Surrounding air (storage) temperature	-40 70 °C
Relative humidity	≤ 85% (non condensing)

## Commercial data

Product Group	6 (Interface Electronics)
Country of origin	DE
GTIN	4045454353445
Customs Tariff No.	85369010000

## Compatible products

### tools



**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

210-720

### assembling



**Item no.: 709-153**

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

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; gray

709-167

## Downloads

### Documentation

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf  
265.8 kB

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## CAD/CAE - Smart Data

### CAD data



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Subject to changes.

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