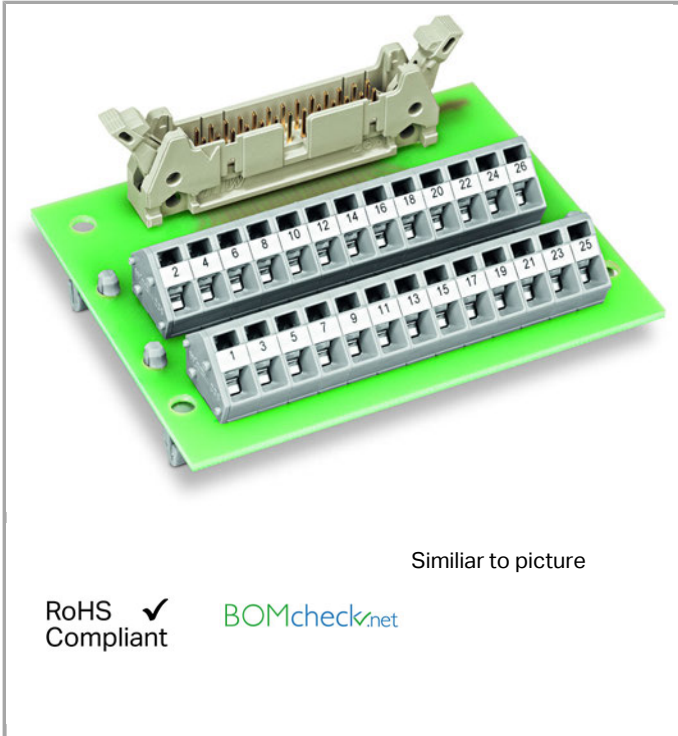


Data sheet | Item number: 289-409

Interface module; Pluggable connector per DIN 41651; 64-pole; PCB terminal blocks, double-row; with mounting feet; 2,50 mm²



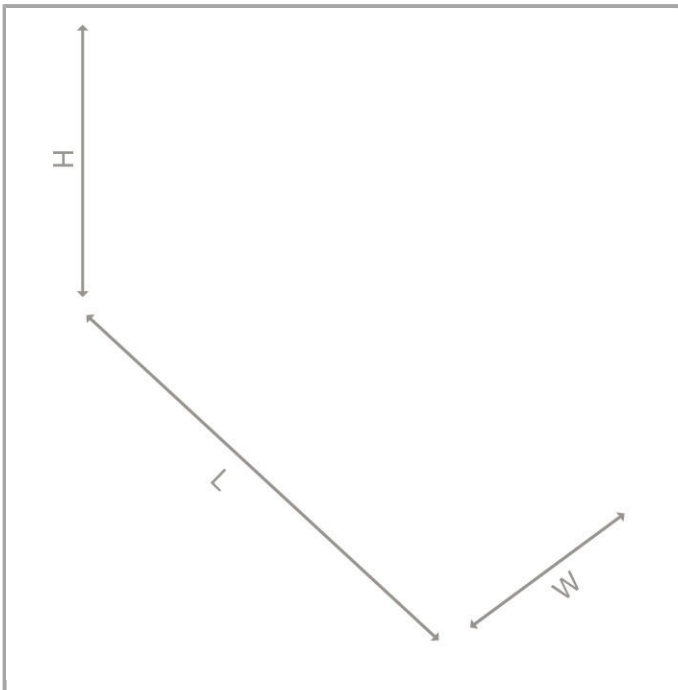
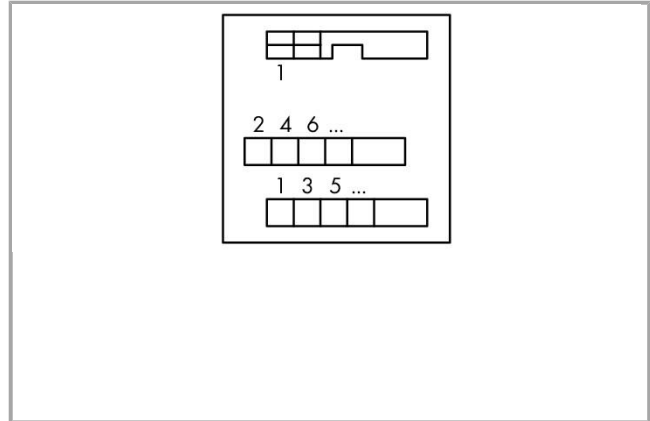
289-409



Similar to picture

RoHS 
Compliant

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



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 mm ² / 28 12 AWG |
| Fine-stranded conductor (2) | 0.08 2.5 mm ² / 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 | Download |
|--|---------|-----------------|----------|

CAD/CAE - Smart Data

CAD data



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Subject to changes.
