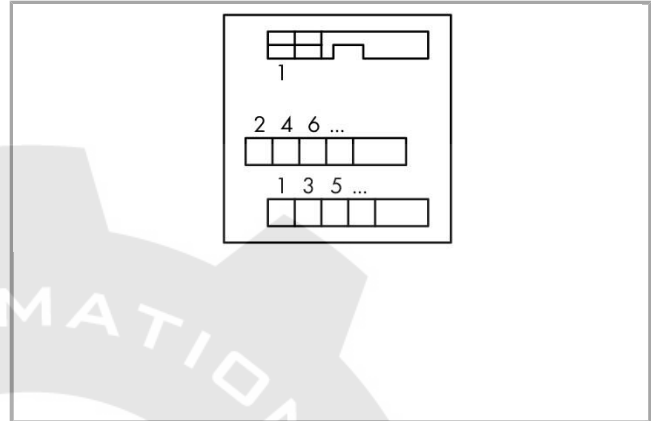


# Data sheet | Item number: 289-406

Interface module; Pluggable connector per DIN 41651; 34-pole; PCB terminal blocks, double-row; with mounting feet; 2,50 mm<sup>2</sup>



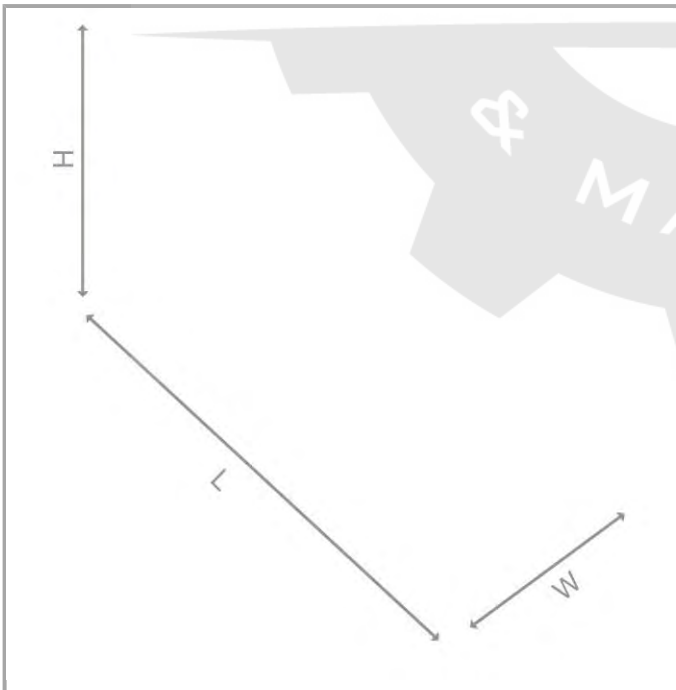
289-406



Similar to picture

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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                   | 34                                                |
| Pluggable connector            | Pluggable connector per DIN 41651; male connector |
| Mating direction               | Vertical                                          |
| Connection type (2)            | Field                                             |
| No. of poles 2                 | 34                                                |
| 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                                 | 102 mm / 4.016 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                              | 0.058 MJ   |
| Weight                                 | 61.8 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               | 4045454353414             |
| 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<br>265.8 kB | Download |
|----------------------------------------------------------|---------|-----------------|----------|

## CAD/CAE - Smart Data

### CAD data



|                     |     |          |
|---------------------|-----|----------|
| 3D Download 289-406 | URL | Download |
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Subject to changes.

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