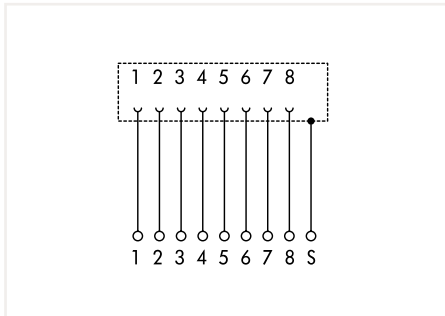
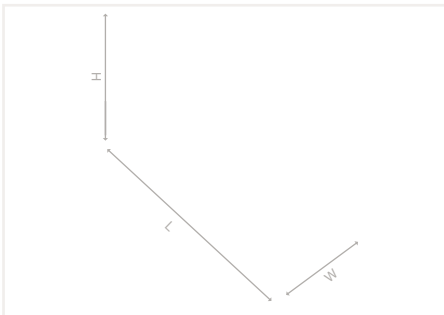


Interface Module for RJ-45 Connector 289 Series



Interface Module; RJ-45; Double-row PCB terminal blocks; Cat. 5; with mounting carrier; with shield connection

| | Item No. | Pack. Unit |
|-----------------------------|-----------------|------------|
| | 289-175 | 1 |
| with shield clamping saddle | 289-175/790-108 | 1 |



Electrical Data

| | |
|-----------------------------|---------------------------------------|
| Nominal current | 1.5 A |
| Contact resistance (typ.) | 20 mΩ |
| Insulation resistance | > 500 MΩ |
| Transmission length (max.) | 100 m |
| Connection cable | Min. Cat. 5 |
| WAGO Shield Clamping Saddle | 11 mm wide; cable diameter up to 8 mm |

Safety and Protection

| | |
|---------------------------------------|---------------------|
| Dielectric strength (contact/contact) | 1 kV _{rms} |
|---------------------------------------|---------------------|

Connection Data

| | |
|---------------------------|--|
| Connection type 1 | System |
| Connector 1 | RJ-45 (shielded) |
| Connection type 2 | System |
| Connection technology 2 | CAGE CLAMP® |
| Solid conductor 2 | 0.08 ... 1.5 mm ² / 28 ... 14 AWG |
| Fine-stranded conductor 2 | 0.08 ... 1.5 mm ² / 28 ... 14 AWG |
| Strip length 2 | 5 ... 6 mm / 0.2 ... 0.24 inch |
| Mating cycles | 500 |

Physical Data

| | |
|------------------------------------|--------------------|
| Width | 24 mm / 0.945 inch |
| Height from upper-edge of DIN-rail | 40 mm / 1.575 inch |
| Depth | 85 mm / 3.346 inch |

Mechanical Data

| | |
|---------------|-------------|
| Mounting type | DIN-35 rail |
|---------------|-------------|

Material Data

| | |
|--------|------|
| Weight | 49 g |
|--------|------|

Environmental Requirements

| | |
|--|--|
| Surrounding air temperature (operation) | -40 ... +85 °C (Actuation: -35 ... +85 °C) |
| Surrounding air temperature (storage) | -40 ... +85 °C |
| Surrounding air (operating) temperature for UL | -40 ... +70 °C |
| Relative humidity | ≤ 85 % (non-condensing) |

Standards and Specifications

| | |
|--------------------------|--------|
| Standards/specifications | UL 840 |
|--------------------------|--------|

Accessories



Marking strip; for mounting carrier; 7.5 mm wide; 50 m reel

| Item No. | Pack. Unit |
|----------|------------|
| 709-178 | 1 |



Shield clamping saddle; 11 mm wide; Connectable shield diameter: up to 8 mm

| Item No. | Pack. Unit |
|----------|------------|
| 790-108 | 50 (10) |