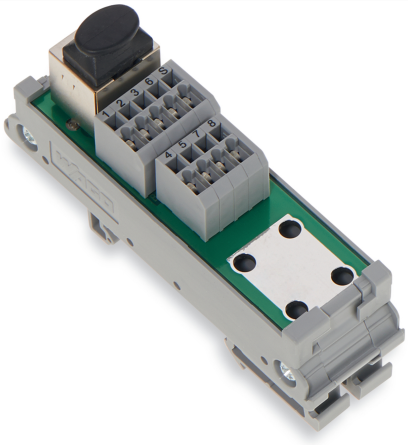
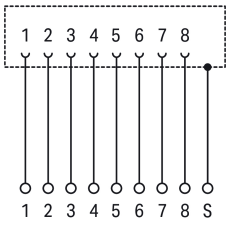
Data Sheet | Item Number: 289-175

Interface module; RJ-45; PCB terminal blocks, double-row; Cat. 5; in mounting carrier; with shield connection; with shield clamping saddle; 1,50 mm²

https://www.wago.com/289-175





Electrical data

Nominal current	1.5 A
Insulation resistance	≥ 500 MΩ
Specialty functions	With shield connection

Safety and protection

Dielectric strength (contact/contact) (AC, 1 min)	1 kVrms

Connection Data

Mating cycles	500
Transmission length (max.)	100 m
Connection Cable	Cat. 5 (min.)

Connection 1

Pluggable connector	RJ-45 (shielded)
Pole number 1	8
Connection type	System

Connection 2

Design	PCB terminal blocks (double-row)
Pole number	9
Connection type	System
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 739 Series
Solid conductor	0.08 … 1.5 mm² / 28 … 14 AWG
Fine-stranded conductor	0.08 … 1.5 mm² / 28 … 14 AWG
Strip length	5 … 6 mm / 0.2 … 0.24 inches

Physical data

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

Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier
Mating cycles	500

Material data

Fire load	0.456 MJ
Weight	35 g

Environmental requirements

Ambient temperature (operation)	-40 … +85 °C (Actuation: -35 … +85 °C)
Ambient temperature UL (operation at U_N)	-40 … +70 °C
Ambient temperature (storage)	-40 … +85 °C
Relative humidity	≤ 85 % (non-condensing)

Standards and Specifications

Standards/specifications	DNV

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454317522
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
eCl@ss 10.0	19-17-90-01
eCl@ss 9.0	19-17-90-01
ETIM 9.0	EC001121
ETIM 10.0	EC002780
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Continued on next page

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
cURus Underwriters Laboratories Inc.	UL 508	E175199 Vol.2 Sec.1

Approvals for marine applications

Approval	Standard	Certificate Name
DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA00001D1

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-175

Documentation

Bid Text

289-175	09.02.2015	doc 25.50 KB
289-175	19.02.2019	xml 3.43 KB

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB

CAD/CAE-Data

CAD data

2D/3D Models 289-175

CAE data

EPLAN Data Portal 289-175

WSCAD Universe 289-175

ZUKEN Portal 289-175

Continued on next page

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marking strip

Item No.: 709-196
Marking strips; for laser printer; translucent

Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.1.2 Shield termination

1.1.2.1 Shield clamping saddles

Item No.: 790-108
Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 … 8 mm

Item No.: 790-208
Shield clamping saddle; 12.4 mm wide; 3 … 8 mm

1.1.3 Tool

1.1.3.1 Operating tool

Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft