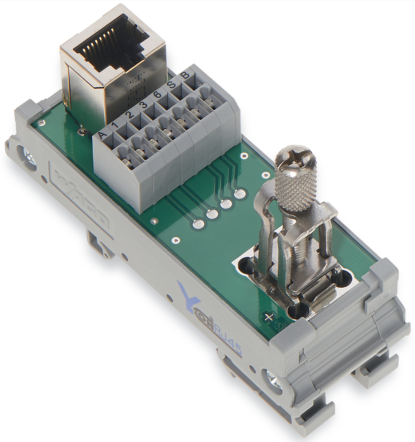
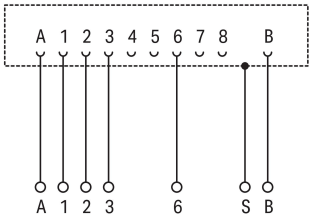
Data Sheet | Item Number: 289-178

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

https://www.wago.com/289-178





Electrical data

Operating voltage	≤ 35 VAC; ≤ 50 VDC
Nominal current	2.1 A
Insulation resistance	≥ 500 MΩ
Specialty functions	With power jumper contacts With shield connection With shield clamping saddle

Safety and protection

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

Connection Data

Mating cycles	1000
Transmission length (max.)	100 m
Connection Cable	Cat. 5 (min.)
WAGO shield clamping saddle	11 mm wide; cable diameter up to 8 mm

Connection 1

Pluggable connector	Shielded RJ-45; with two additional power jumper contacts
Pole number 1	10
Connection type	System

Connection 2

Design	PCB terminal blocks
Pole number	7
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

Continued on next page

Physical data

Width	30 mm / 1.181 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	67 mm / 2.638 inches

Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier
Mating cycles	1000

Material data

Fire load	0.503 MJ
Weight	51.7 g

Environmental requirements

Ambient temperature (operation)	-40 … +85 °C (Actuation: -35 … +85 °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	4045454326142
Customs tariff number	85366990990

Product Classification

UNSPSC	39121402
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

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 289-178

Documentation

Bid Text

289-178	19.02.2019	xml 3.82 KB
289-178	09.02.2015	doc 26.00 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 289-178

CAE data

EPLAN Data Portal 289-178

WSCAD Universe 289-178

ZUKEN Portal 289-178

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marking strip

Item No.: 709-177
Marking strips; 50 m on roll; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



Item No.: 709-178
Marking strips; 50 m on roll; 7.5 mm wide; not stretchable; plain; snap-on type; white

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

Continued on next page

1.1.2 Tool

1.1.2.1 Operating tool



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