

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

www.wago.com/289-178



Data

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

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

With shield clamping saddle

Safety and protection

Dielectric strength (contact/contact) (AC, 1 min)	1 kV _{rms}
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Connection data

Mating cycles	1,000
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

Connector	RJ-45 (shielded); with two additional power contacts
Pole number 1	10
Connection type 1	System

Connection 2

Design 2	PCB terminal blocks
Pole number 2	7
Connection type 2	System
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 739 Series
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 inches

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	1,000

Subject to changes. Please also observe the further product documentation!



Material Data

Fire load	0.83 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
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	19-17-90-01
eCl@ss 9.0	19-17-90-01
ETIM 8.0	EC001121
ETIM 7.0	EC001121
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454326142
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	DNV DNV Germany GmbH	DNV-CG-0339, Aug. 2021	TAA00001D1
	PRS Polski Rejestr Statków	-	TE/2186 /880590/18

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Optional accessories

Marking accessories

Marking strip		
Item no.: 709-196	Marking strips; for laser printer; translucent	www.wago.com/709-196
Item no.: 709-178	Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	www.wago.com/709-178
Item no.: 709-177	Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	www.wago.com/709-177

Tool

Operating tool		
Item no.: 210-719	Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719

Downloads

Documentation

Bid Text

289-178 X81 - Datei	2019 年2月19日	xml 3.9 kB	Download
289-178 doc - Datei	2015 年2月9日	doc 26.6 kB	Download

Instruction Leaflet

		pdf 1.3 MB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18日	pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 289-178		URL	Download
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CAE data

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WSCAD Universe 289-178	URL	Download
ZUKEN Portal 289-178	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-178	URL	Download
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Installation Notes

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