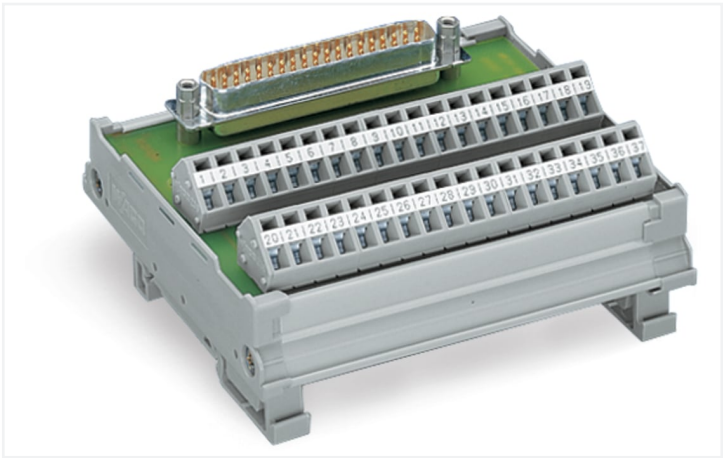


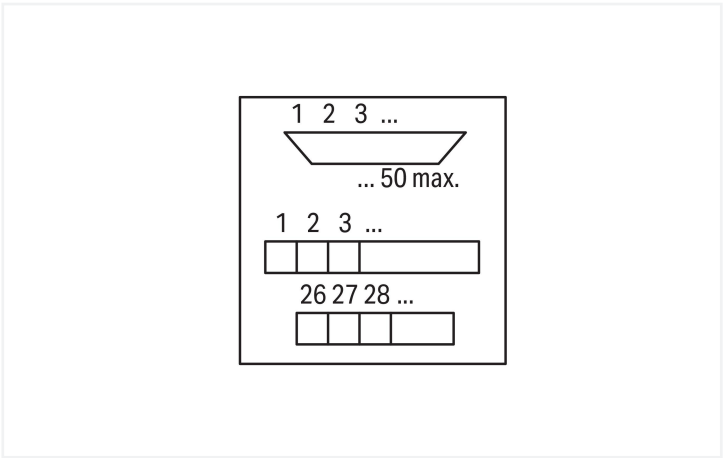
Data Sheet | Item Number: 289-545

Interface module; with solder pin; Male connector; 9-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²

<https://www.wago.com/289-545>



Similar to illustration



Electrical data	
Operating voltage	≤ 125 VAC/VDC
Nominal current	2 A
Contact resistance (max.)	30 mΩ

Safety and protection	
Rated Voltage	125 V
Rated impulse withstand voltage	0.8 kV
Pollution degree	2
Protection type	IP20
Insulation type	Basic insulation

Connection data	
Performance level	2 / 200 mating cycles
Strain relief	UNC 4-40 stud bolt
Connection 1	
Pluggable connector	D-subminiature male connector
Pole number 1	9
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2	
Design 2	PCB terminal blocks (double-row)
Pole number 2	9
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches



Physical data		
Width		38 mm / 1.496 inches
Height		85 mm / 3.346 inches
Depth from upper-edge of DIN-rail		34 mm / 1.339 inches

Mechanical data		
Mounting type		DIN-35 rail
Housing design		Mounting carrier

Material data		
Contact material (connector)		Au over Ni
Fire load		0.892 MJ
Weight		46.9 g

Environmental requirements		
Ambient temperature (operation)		-20 ... +50 °C
Ambient temperature (storage)		-40 ... +70 °C
Relative humidity		≤ 85 % (non-condensing)

Standards and specifications		
Standards/specifications		EN 61010-2-201 DNV

Commercial data		
Product Group		6 (INTERFACE ELECTRONIC)
eCl@ss 10.0		27-14-11-52
eCl@ss 9.0		27-14-11-52
ETIM 9.0		EC002780
ETIM 8.0		EC002780
PU (SPU)		8 (1) pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454413804
Customs tariff number		85366990990

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
cURus Underwriters Laboratories Inc.	UL 508	E175199 Vol.2 Sec.1	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-



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 289-545



Documentation

Bid Text
289-545
06.02.2015
doc 26.00 KB



Instruction Leaflet
pdf 1246.19 KB



CAD/CAE-Data

CAD data
2D/3D Models 289-545



CAE data
EPLAN Data Portal 289-545
WSCAD Universe 289-545
ZUKEN Portal 289-545



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
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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 Tool

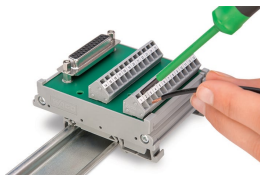
1.1.2.1 Operating tool

**Item No.: 210-720**

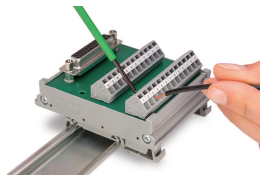
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

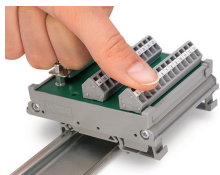


Conductor termination – screwdriver actuation parallel to conductor entry

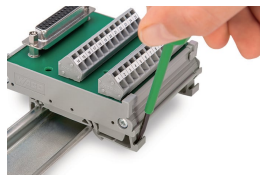


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.