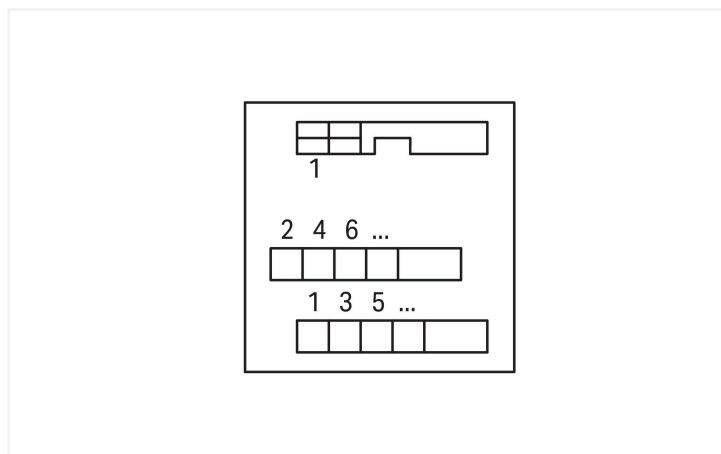
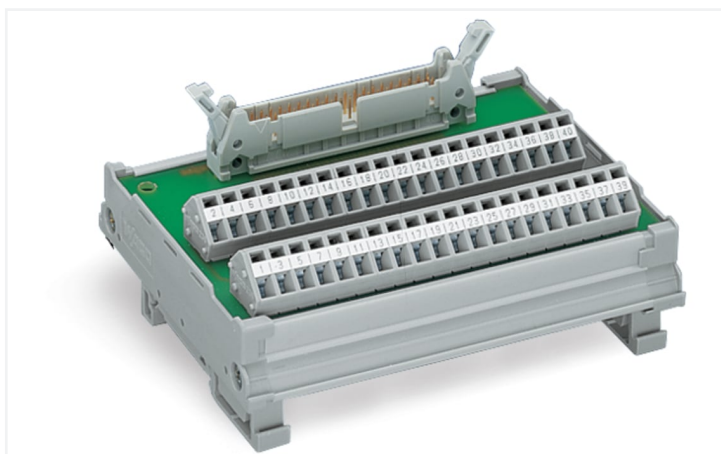


Data Sheet | Item Number: 289-504

Interface module; Pluggable connector per DIN 41651; 20-pole; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²

<https://www.wago.com/289-504>



Similar to illustration

Electrical data

Operating voltage	≤ AC/DC 125 V
Nominal current	1 A

Safety and protection

Rated Voltage	125 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20
Insulation type	Basic insulation

Connection data

Performance level	3 / 50 mating cycles
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Connection 1

Pluggable connector	DIN 41651 connector; male connector
Pole number 1	20
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)	20
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data

Width	53.5 mm / 2.106 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	36 mm / 1.417 inches

Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

Material data

Contact material (connector)	Au over Ni
Fire load	1.003 MJ
Weight	61.9 g

Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	≤ 85% (non-condensing)

Standards and specifications

Standards/specifications	EN 61010-2-201
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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)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454783129
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-504



Documentation

Bid Text

289-504	09.02.2015	doc 25.00 KB	
289-504	19.02.2019	xml 3.26 KB	

Instruction Leaflet

pdf
1246.19 KB



CAD/CAE-Data

CAD data

2D/3D Models 289-504



CAE data

EPLAN Data Portal
289-504



WSCAD Universe
289-504



ZUKEN Portal 289-504



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 Tool

1.1.2.1 Operating tool

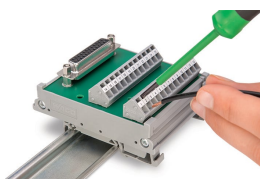


Item No.: 210-720

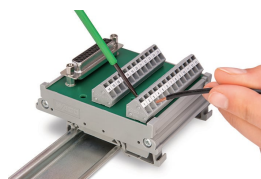
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

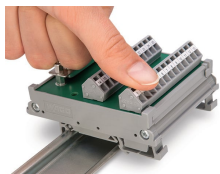


Conductor termination – screwdriver actuation parallel to conductor entry

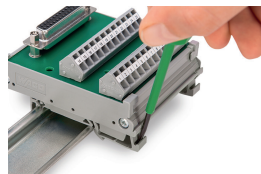


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.