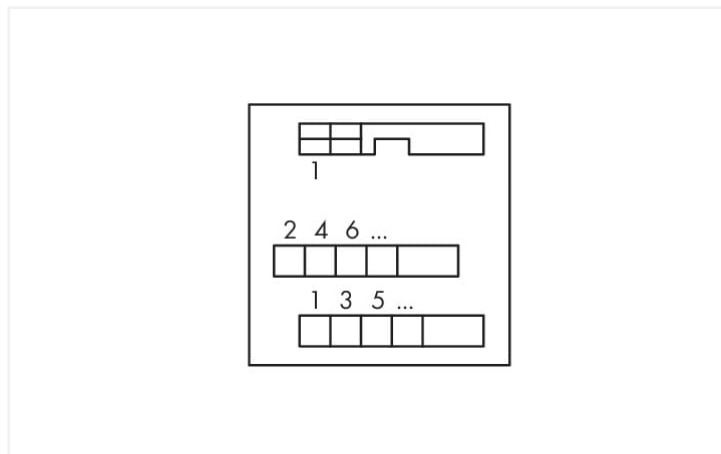
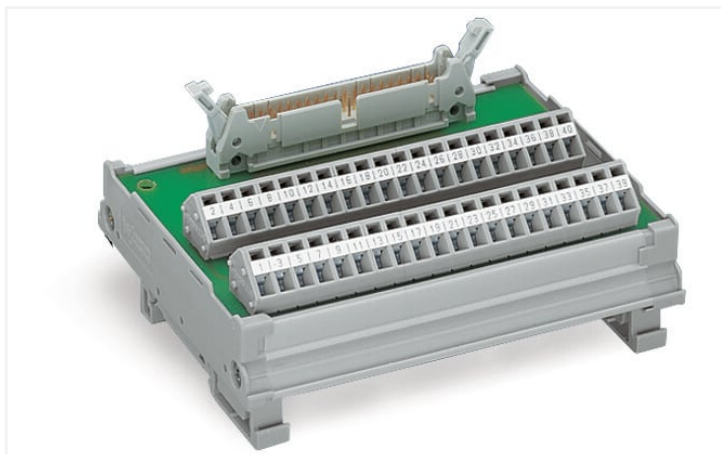


## Data Sheet | Item Number: 289-504

Interface module; Pluggable connector per DIN 41651; 20-pole; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm<sup>2</sup>

<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

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 <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 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 8.0	EC002780
ETIM 7.0	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

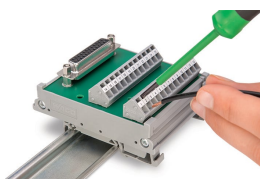


#### Item No.: 210-720

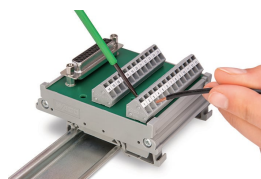
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

## Installation Notes

### Conductor termination

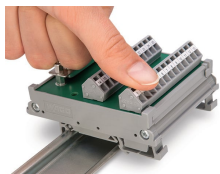


Conductor termination – screwdriver actuation parallel to conductor entry

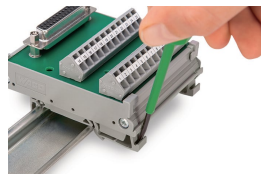


Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.