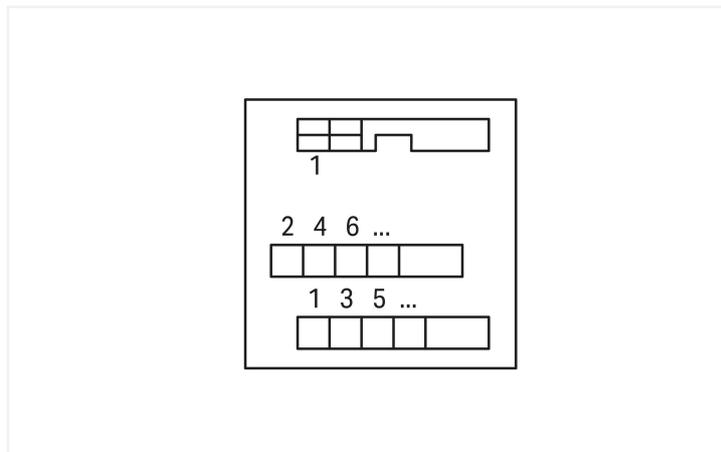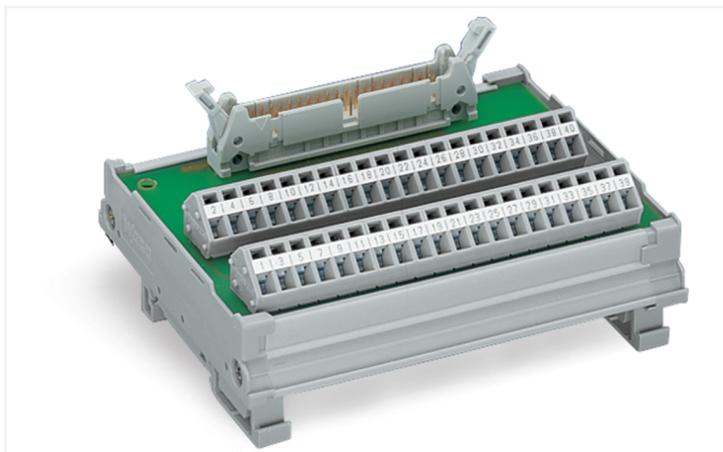# Data Sheet | Item Number: 289-506

Interface module; Pluggable connector per DIN 41651; 34-pole; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²

https://www.wago.com/289-506

Similar to illustration

Electrical data

Operating voltage	≤ 125 VAC/VDC
Nominal current	1 A

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	3 / 50 mating cycles

Connection 1

Pluggable connector	Pluggable connector per DIN 41651; male connector
Pole number 1	34
Connection type	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2

Design	PCB terminal blocks (double-row)
Pole number	34
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector	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	94 mm / 3.701 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	1.038 MJ
Weight	95.5 g

Environmental requirements

Ambient temperature (operation)	-20 … +55 ℃
Ambient temperature (storage)	-40 … +70 ℃
Relative humidity	≤ 85 % (non-condensing)

Standards and specifications

Standards/specifications	EN 61010-2-201

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	5 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454353506
Customs tariff number	85366990990

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 9.0	EC002780
ETIM 8.0	EC002780
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

| Environmental Product Compliance 289-506 | ↓ |

Documentation

Bid Text

289-506		doc	
	09.02.2015	25.00 KB	↓
289-506		xml	
	19.02.2019	3.26 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 289-506 | ↓ |

CAE data

EPLAN Data Portal 289-506	↓
WSCAD Universe 289-506	↓
ZUKEN Portal 289-506	↓

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
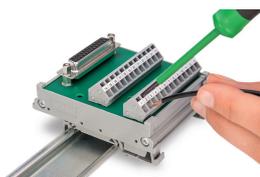
1.1.2 Tool

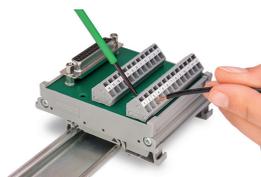##### 1.1.2.1 Operating tool

Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes
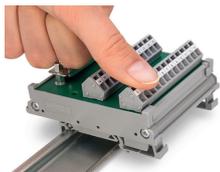
Conductor termination

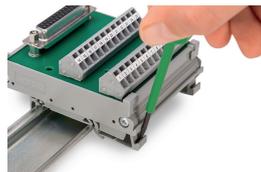Conductor termination – screwdriver actuation parallel to conductor entry

Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation

Snapping a module onto DIN-rail.

Removing a module from the DIN-rail.

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

Current addresses can be found at:: www.wago.com