

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	DIN 41651 connector; male connector
		Pole number 1	34
		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	34
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 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	1.32 MJ
Weight	95.5 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)	5 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454353506
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Compliance 289-506



Documentation

Bid Text

289-506 09.02.2015 doc 25.00 KB



289-506 19.02.2019 xml 3.26 KB



Instruction Leaflet

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](#)

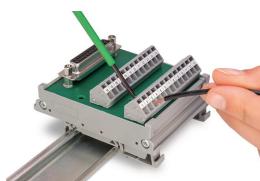
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

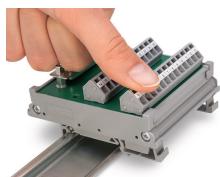


Conductor termination – screwdriver actuation parallel to conductor entry

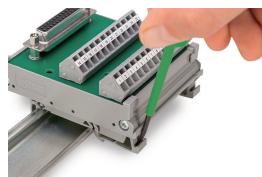


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.