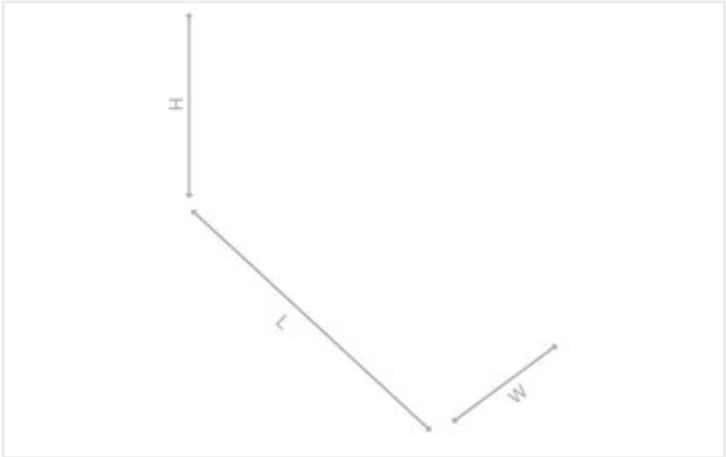
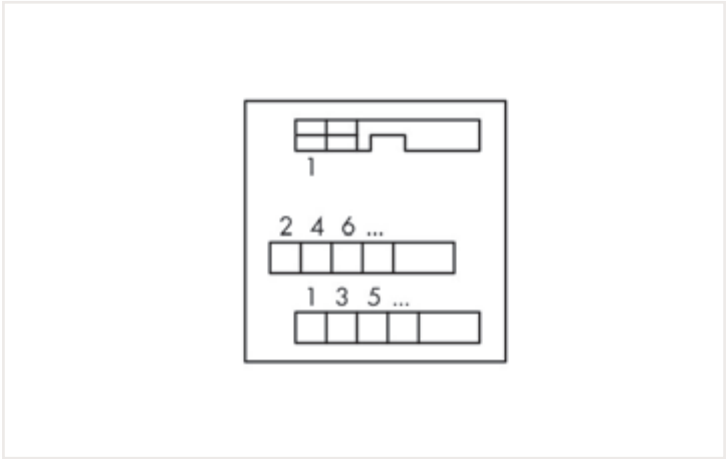




Dimensions in mm

Electrical data

Operating voltage	≤100 VAC; ≤125 VDC
Nominal current	1 A

Safety and protection

Rated voltage	100 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20

Connection data

Pole number	14
Connection type 1	System
Connector	DIN 41651 connector; male connector
Mating direction	vertical
Connection type 2	Field
Pole number 2	14
Design 2	PCB terminal blocks (double-row)
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	3 / 50 mating cycles

Physical data

Width	43 mm / 1.693 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	0.662 MJ
Weight	50.6 g

Environmental requirements

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

Commercial data

Product Group	6 (Interface Electronics)
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)	5 (1) Stück
Packaging type	Box
Country of origin VKOrg Germany	DE
GTIN	4045454353469
Customs tariff number VKOrg Germany	85369010000

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 289-502



Documentation

Additional Information

Disposal; Electrical and
electronic equipment,
Packaging

V 1.0.0

pdf
259.56 KB



Bid Text

289-502

19.02.2019

xml
3.26 KB



289-502

09.02.2015

doc
25.00 KB



Instruction Leaflet

pdf
1246.19 KB



CAD/CAE-Data

CAD data

2D/3D Models 289-502



CAE data

EPLAN Data Portal
289-502



WSCAD Universe
289-502



ZUKEN Portal 289-502



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.