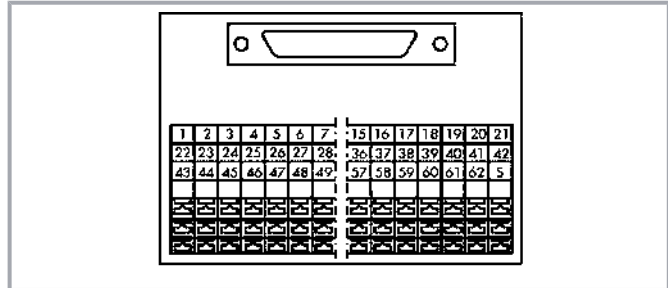


Picture differs from the item.

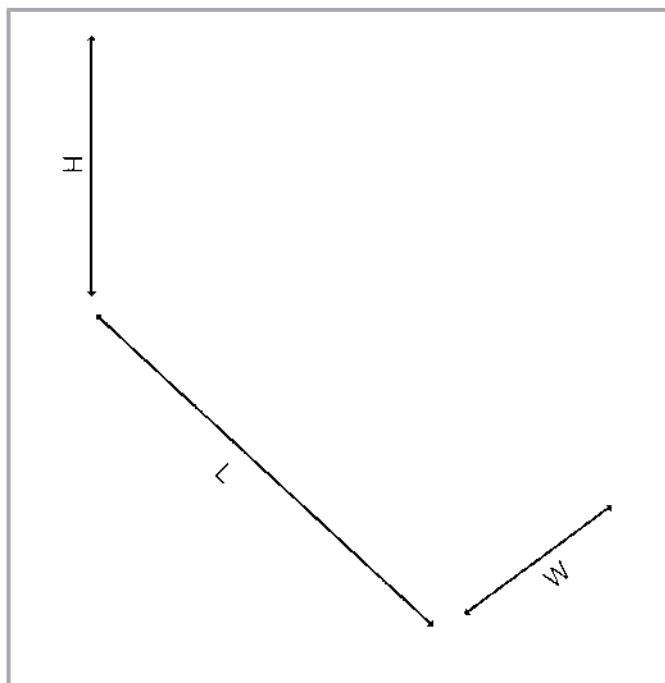
Similar to picture



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

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## Data

### Electrical data

Operating voltage	$\leq$ AC/DC 125 V
Nominal current	1 A
Contact resistance (max.)	15 m $\Omega$
Specialty functions	with shield connection

### Safety and protection

Rated voltage	125 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20

### Connection data

Number of poles	44
Connection type (1)	System
Pluggable connectors	HD D-sub male connector
Mating direction	vertical
Connection type 2	Field

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Pole number 2	44
Design 2	PCB terminal blocks (triple-deck)
Connection technology 2	CAGE CLAMP®
WAGO Connector 2	WAGO 737 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 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	3 / 50 mating cycles

### Physical data

Width	79 mm / 3.11 inch
Height	85 mm / 3.346 inch
Depth from upper edge of DIN-rail	62 mm / 2.441 inch

### Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

### Material data

Contact material (connector)	Au over Ni
Fire load	0.966 MJ
Weight	128.9 g

### Environmental requirements

Surrounding air temperature (operation)	-20 ... 55 °C
Surrounding air temperature (storage)	-40 ... 70 °C
Relative humidity	≤ 85% (non-condensing)
Operating altitude (max.)	2000 m

### Standards and specifications

Standards/Specifications	EN 61010-2-201
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### Commercial data

Product Group	6 (Interface Electronics)
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PU (SPU)	4 (1) Stück
Packaging type	box
Country of origin	DE
GTIN	4045454353551
Customs tariff number	8536904000

## Downloads

### Documentation

#### Instruction Leaflet

pdf  
1.3 MB

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## CAD files

### CAE data

EPLAN Data Portal 289-597

URL

Download

WSCAD Universe 289-597

URL

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 289-597

URL

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Interface module; 2,50 mm<sup>2</sup>

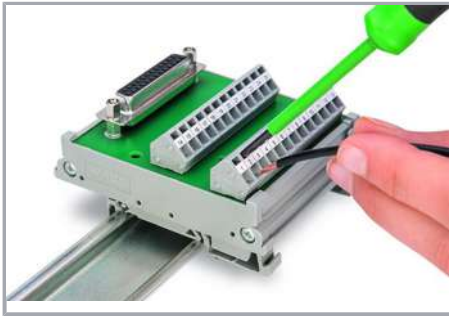
## Installation Notes

### Inserting a conductor

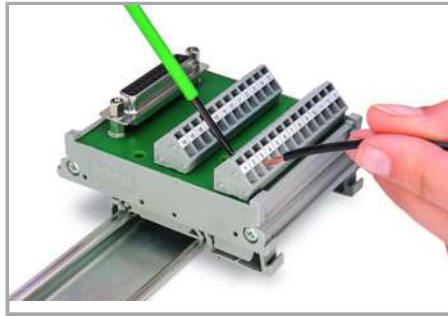
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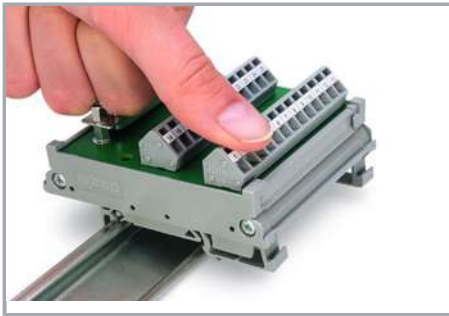


Conductor termination – screwdriver  
actuation parallel to conductor entry

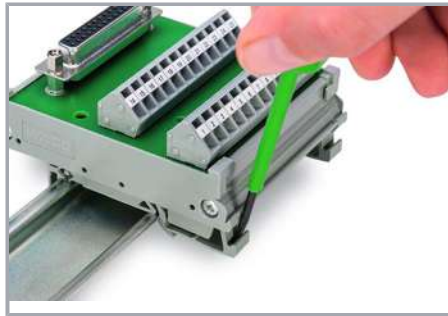


Conductor termination – screwdriver  
actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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