

**Data sheet | Item number: 289-542**

Interface module; with solder pin; Male connector; 25-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, triple-row; in mounting carrier; 2,50 mm<sup>2</sup>



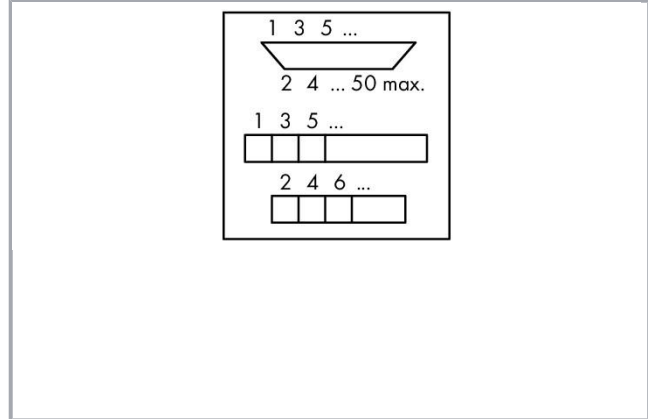
[www.wago.com/289-542](http://www.wago.com/289-542)



Similar to picture

RoHS Compliant

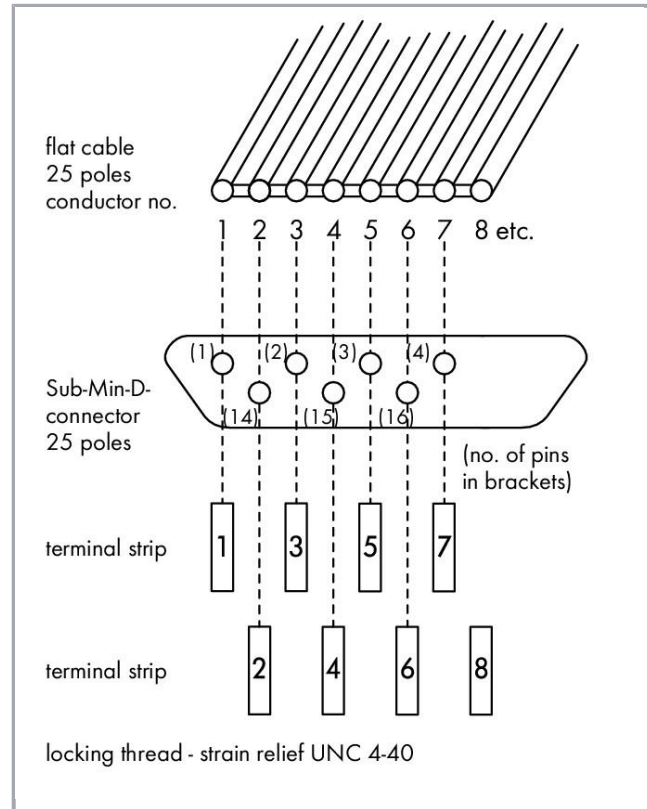
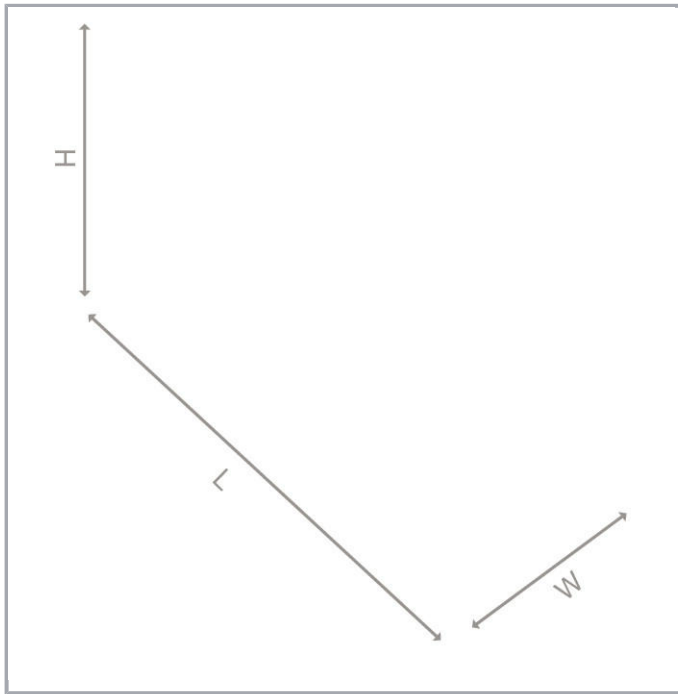
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Subject to changes. Please also observe the further product documentation!

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## Data

### Electrical Data

Operating voltage	≤ AC 100 V; ≤ DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 mΩ

### Safety and protection:

Rated voltage	100 V
Rated impulse voltage	0.8 kV
Pollution degree	2
Protection class	IP20

### Connection data

Connection type (1)	System
No. of poles	25
Pluggable connector	D-subminiature; male connector
For mating connectors	With IDC

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



Mating direction	Vertical
Pull relief	Stud bolts UNC 4-40
Connection type (2)	Field
No. of poles 2	25
Design 2	PCB terminal blocks, 3-row
Connection technology 2	CAGE CLAMP®
WAGO terminal 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 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	2 / 200 mating cycles
Strain relief	Gewindebolzen UNC 4-40

### Geometrical Data

Width	72 mm / 2.835 inch
Height from upper-edge of DIN-35 rail	34 mm / 1.339 inch
Depth	85 mm / 3.346 inch

### Mechanical data

Type of mounting	DIN-35 rail
Housing design	Mounting carrier

### Material Data

Contact material (pluggable connector)	Au over Ni
Weight	82.2 g

### Environmental Requirements

Surrounding air (operating) temperature	-20 ... 50 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Relative humidity	≤ 85% (non condensing)

### Standards and specifications

Standards/specifications	UL 840
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## Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4045454362096
Customs Tariff No.	85369010000

## Approvals / Certificates

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.2 Sec. 1

## Counterpart

## Compatible products

### tools



**Item no.: 210-720**

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

[www.wago.com/210-720](http://www.wago.com/210-720)

### Marking accessories

**Item no.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

[www.wago.com/709-177](http://www.wago.com/709-177)

**Item no.: 709-178**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

[www.wago.com/709-178](http://www.wago.com/709-178)

**Item no.: 709-196**

Marking strips; for laser printer; translucent

[www.wago.com/709-196](http://www.wago.com/709-196)



**Item no.: 709-198**

Marking strips; white

[www.wago.com/709-198](http://www.wago.com/709-198)

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## Downloads Documentation

### Instruction Leaflet

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### Additional Information

Disposal; Electrical and electronic equipment, Packaging V 1.0.0 pdf 265.8 kB Download

## CAD/CAE-Data

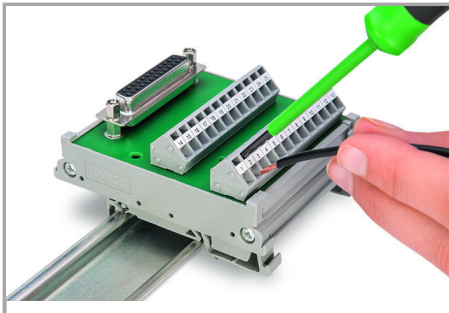
### CAE data

EPLAN Data Portal 289-542 URL Download

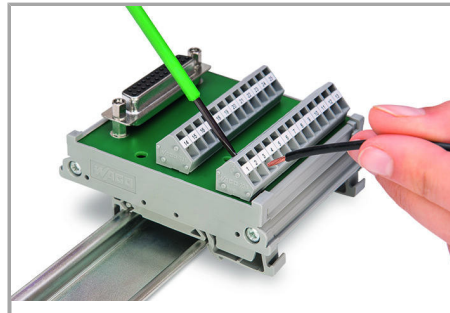
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## Installation Notes

### Inserting a conductor



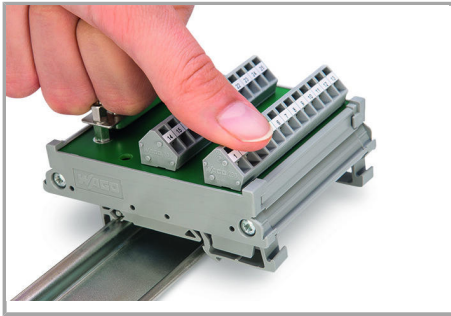
Connection of conductor – Operating tool actuation parallel to conductor entry.



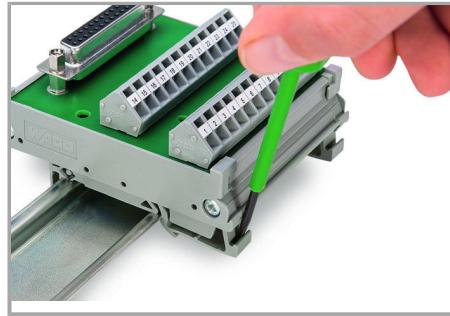
Connection of conductor – Operating tool actuation perpendicular to conductor entry.

### Assembly

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



Assembly of a module on the carrier rail



Removing a module from the DIN-rail.

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