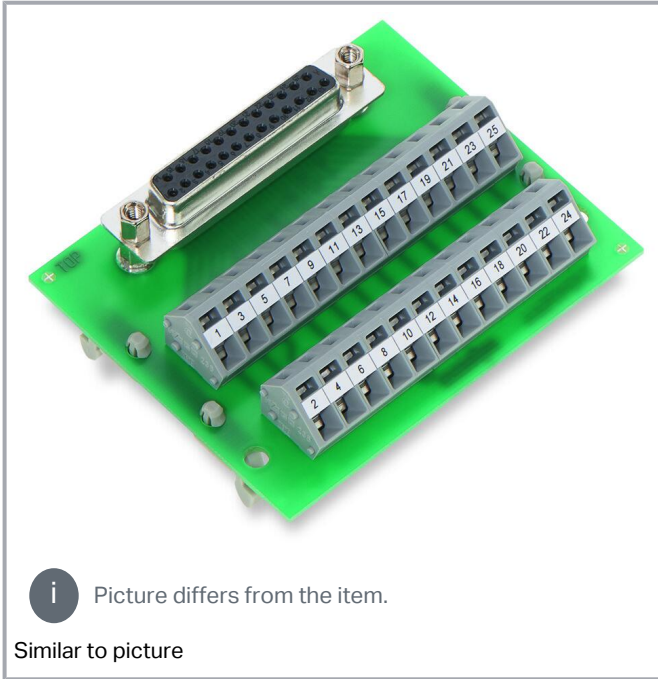


Data sheet | Item number: 289-454 **DISCONTINUED**



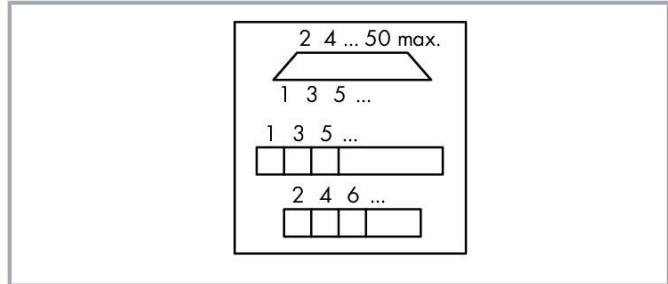
Interface module; with solder pin; Female connector; 50-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; 2,50 mm<sup>2</sup>

[www.wago.com/289-454](http://www.wago.com/289-454)



**i** Picture differs from the item.

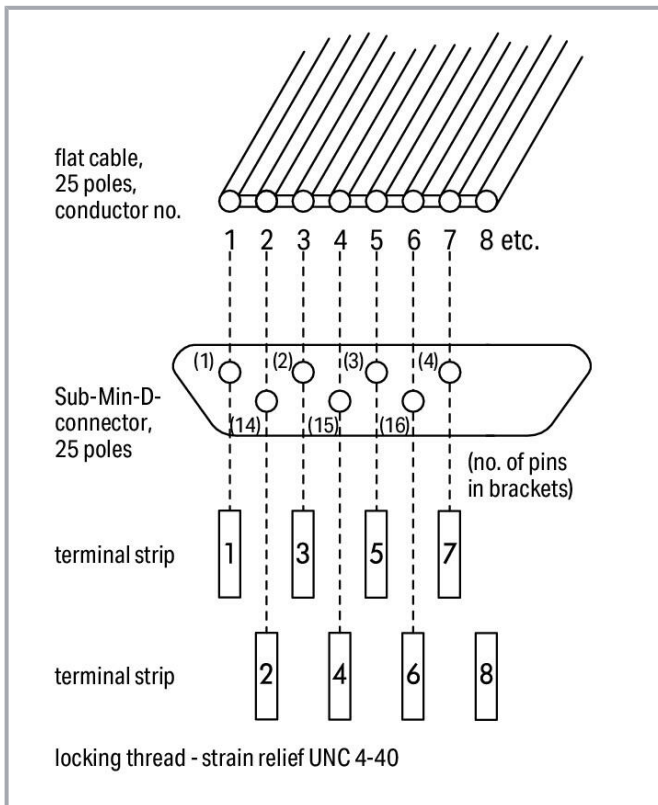
Similar to picture



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

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



**X** This item has been discontinued and is no longer available as of 16.09.2022.

## Data

### Electrical data

Operating voltage	≤30 VAC; ≤50 VDC
Nominal current	1 A
Contact resistance (max.)	30 mΩ

### Safety and protection

Rated voltage	50 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP00; <b>Notice!</b> Live parts can be easily touched! Protection against direct contact must be provided by the equipment manufacturer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be observed for each individual application.

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



Dielectric strength (channel/channel) (AC, 1 min.)	1.3 kV <sub>rms</sub>
Insulation type	Functional insulation

### Connection data

Performance level	2 / 200 mating cycles
Strain relief	UNC 4-40 stud bolt

### Connection 1

Connector	D-subminiature female connector
Pole number 1	50
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical
For mating connector	with IDC
Connection type	Female connector; D-sub/HD D-sub

### Connection 2

Design 2	PCB terminal blocks (double-row)
Pole number 2	50
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 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 inches

### Physical data

Width	157 mm / 6.181 inches
Height	63.5 mm / 2.5 inches
Depth from upper-edge of DIN-rail	19 mm / 0.748 inches

### Mechanical Data

Mounting type	DIN-35 rail
Housing design	PCB with mounting feet

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

## Material Data

Contact material (connector)	Au over Ni
Fire load	0.081 MJ
Weight	98.7 g

## Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
Ambient 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 ELECTRONIC)
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) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454409715
Customs tariff number	85369010000
End of Sale	2022-09-16
End of Production	2022-09-17
End of Delivery	2022-09-18
End of Service and Repair	2023-09-30

## Optional accessories

### Tool

Operating tool
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**Item no.: 210-720**

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

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

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



### Mounting

#### Cover carrier



**Item no.: 709-167**

Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

[www.wago.com/709-167](http://www.wago.com/709-167)

#### Cover



**Item no.: 709-153**

Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

[www.wago.com/709-153](http://www.wago.com/709-153)

### Downloads

#### Documentation

##### Bid Text

289-454 X81 - Datei	2019 Feb 19	xml 3.7 kB	Download
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289-454 doc - Datei	2015 Feb 6	doc 27.1 kB	Download
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##### Instruction Leaflet

		pdf 1.3 MB	Download
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##### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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### CAD/CAE-Data

#### CAE data

EPLAN Data Portal 289-454		URL	Download
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WSCAD Universe 289-454		URL	Download
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ZUKEN Portal 289-454		URL	Download
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#### CAD data

2D/3D Models 289-454		URL	Download
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Subject to changes. Please also observe the further product documentation!

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 289-454

URL

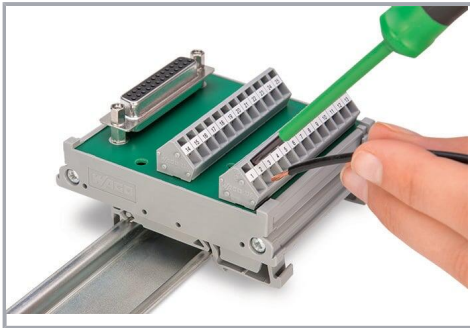
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Interface module; with solder pin; Female connector; 50-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; 2,50 mm<sup>2</sup>

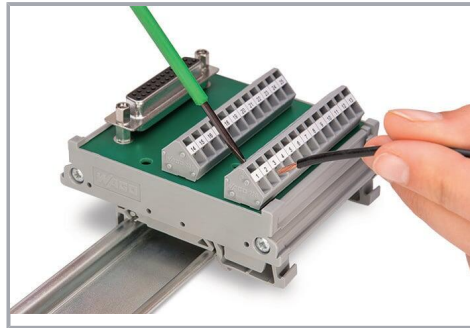
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## Installation Notes

### Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

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