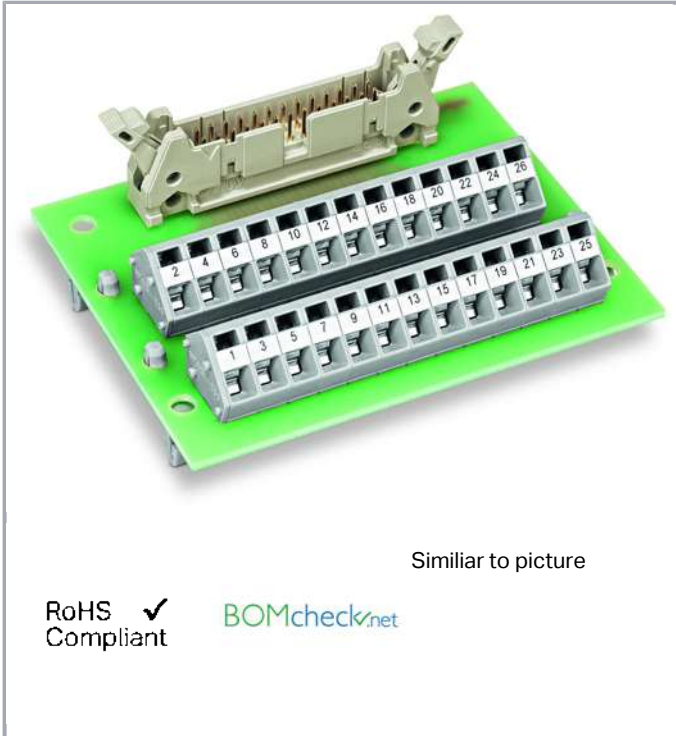


Data sheet | Item number: 289-407

Interface module; Pluggable connector per DIN 41651; 40-pole; PCB terminal blocks, double-row; with mounting feet; 2,50 mm²

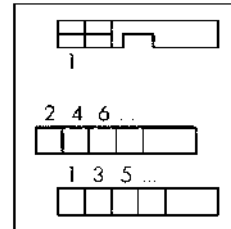
www.wago.com/289-407



Similar to picture

RoHS Compliant

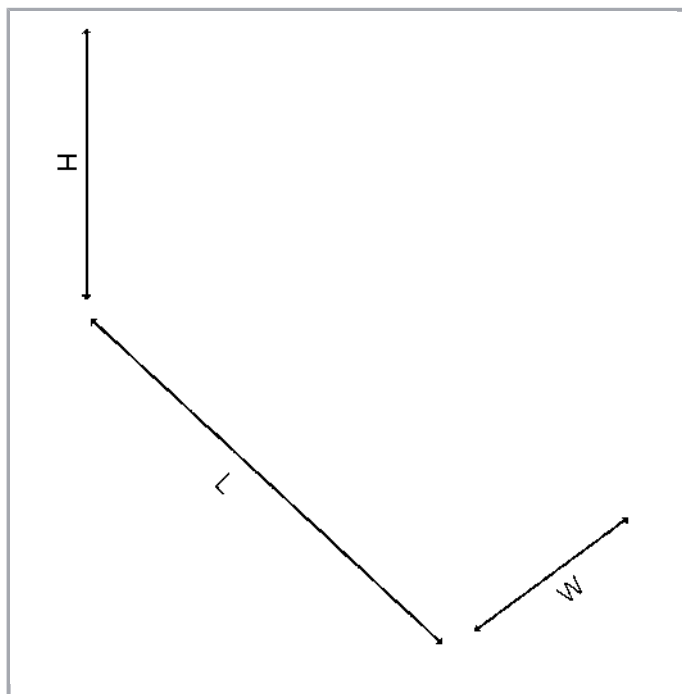
[BOMcheck.net](https://www.bomcheck.net)



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

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Data

Electrical Data

Operating voltage	\leq AC 30 V; \leq DC 50 V
Nominal current	1 A

Safety and protection:

Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	2
Protection class	IP00*
Note on protection class	*Notice! 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.

Connection data

Connection type (1)	System
No. of poles	40
Pluggable connector	DIN 41651 male connector
Mating direction	Vertical

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Connection type (2)	Field
No. of poles 2	40
Design 2	PCB terminal blocks (double-row)
Connection technology 2	CAGE CLAMP®
WAGO terminal 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 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	3 / 50 mating cycles

Geometrical Data

Width	126 mm / 4.961 inch
Height from upper-edge of DIN-35 rail	28 mm / 1.102 inch
Depth	63,5 mm / 2.5 inch

Mechanical data

Type of mounting	DIN-35 rail
Housing design	PCB with mounting feet

Material Data

Contact material (pluggable connector)	Au over Ni
Weight	73.1 g

Environmental Requirements

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

Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4045454353421
Customs Tariff No.	85369010000

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Counterpart

Compatible products

assembling

**Item no.: 709-153**

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

www.wago.com/709-153**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

tools

**Item no.: 210-720**

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

www.wago.com/210-720

Downloads

Documentation

Bid Text

289-407 GAEB X81 - Datei	Feb 19, 2019	xml 3.3 kB	Download
289-407 doc - Datei	Feb 9, 2015	doc 25.6 kB	Download

Instruction Leaflet

pdf
1.3 MB
Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 289-407	URL	Download
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CAE data

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EPLAN Data Portal 289-407

URL

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WSCAD Universe 289-407

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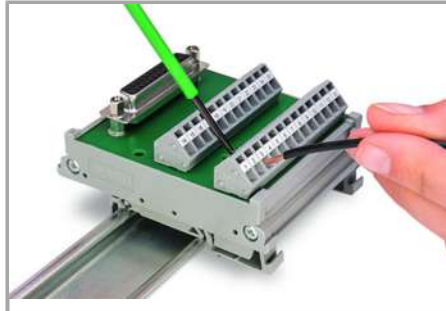
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Installation Notes

Inserting a conductor



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



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

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