

Data sheet | Item number: 289-559

Interface module; with solder pin; Female connector; 50-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²



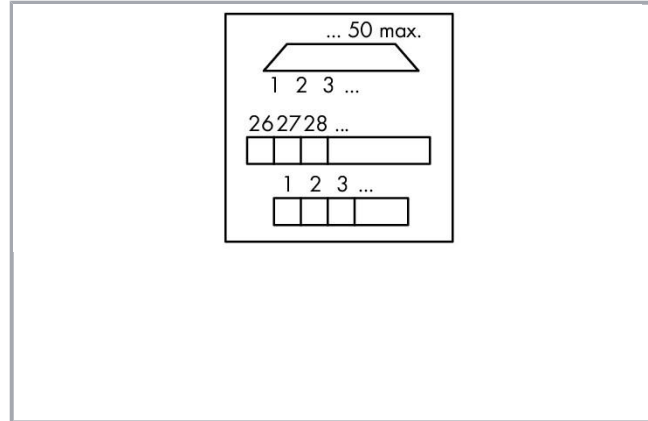
www.wago.com/289-559



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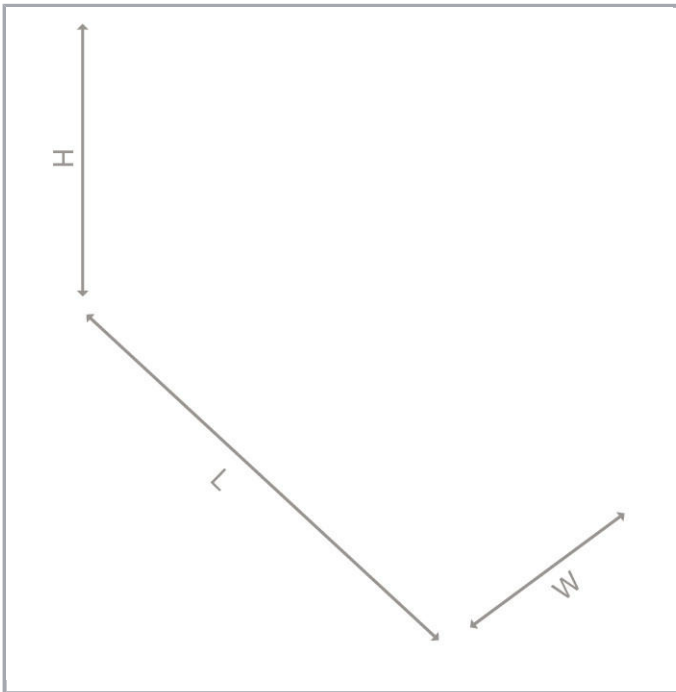
[BOMcheck.net](https://www.bomcheck.net)



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

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Data

Electrical Data

Operating voltage	≤ 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	50
Pluggable connector	D-subminiature; female connector
For mating connectors	With solder connection
Mating direction	Vertical
Pull relief	Stud bolts UNC 4-40
Connection type (2)	Field

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No. of poles 2	50
Design 2	PCB terminal blocks, 2-row
Connection technology 2	CAGE CLAMP®
WAGO terminal 2	WAGO 236 Series
Solid conductor (2)	0,08 ... 2,5 mm ² / 28 ... 12 AWG
Fine-stranded conductor (2)	0,08 ... 2,5 mm ² / 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	94 mm / 3.701 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	123.7 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

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Country of origin	DE
GTIN	4045454409746
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

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
	Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	www.wago.com/709-178
	Item no.: 709-196 Marking strips; for laser printer; translucent	www.wago.com/709-196
	Item no.: 709-198 Marking strips; white	www.wago.com/709-198
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

Instruction Leaflet

pdf
1.3 MB

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Additional Information

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CAD/CAE-Data

CAD data

2D/3D Models 289-559

URL

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CAE data

EPLAN Data Portal 289-559

URL

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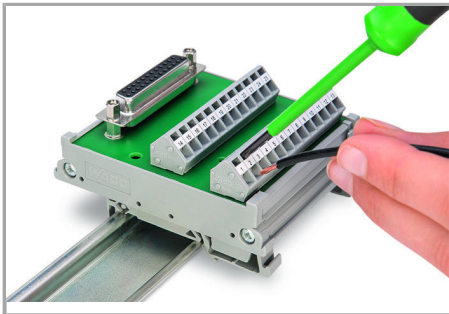
WSCAD Universe 289-559

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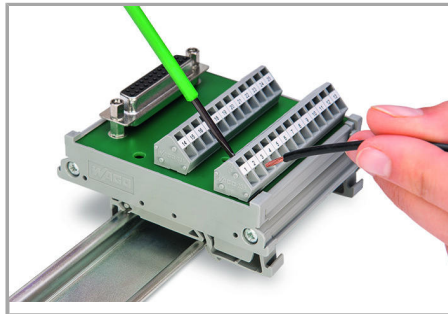
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Installation Notes

Inserting a conductor



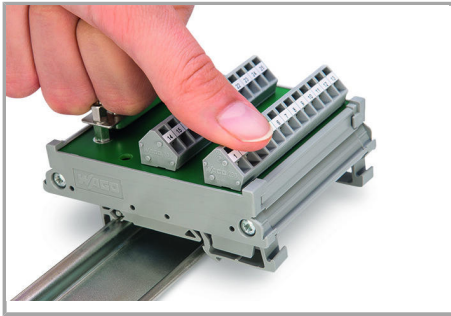
Connection of conductor – Operating tool actuation parallel to conductor entry.



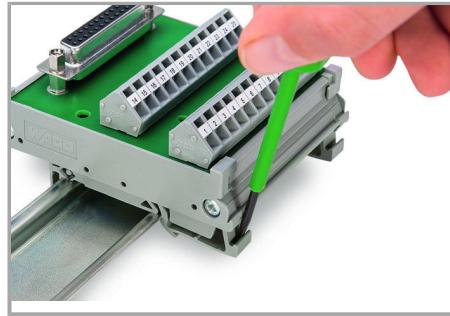
Connection of conductor – Operating tool actuation perpendicular to conductor entry.

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.

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