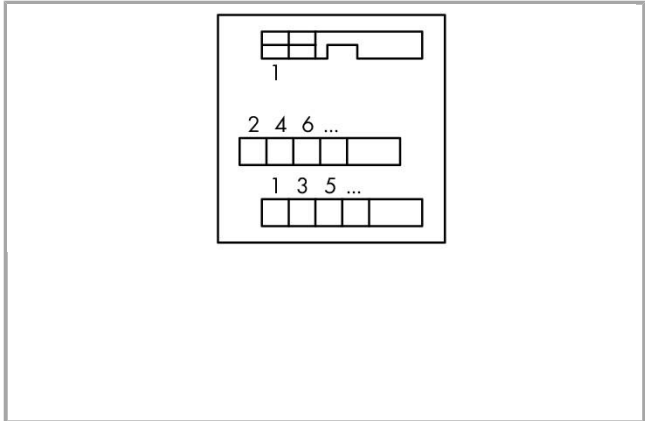
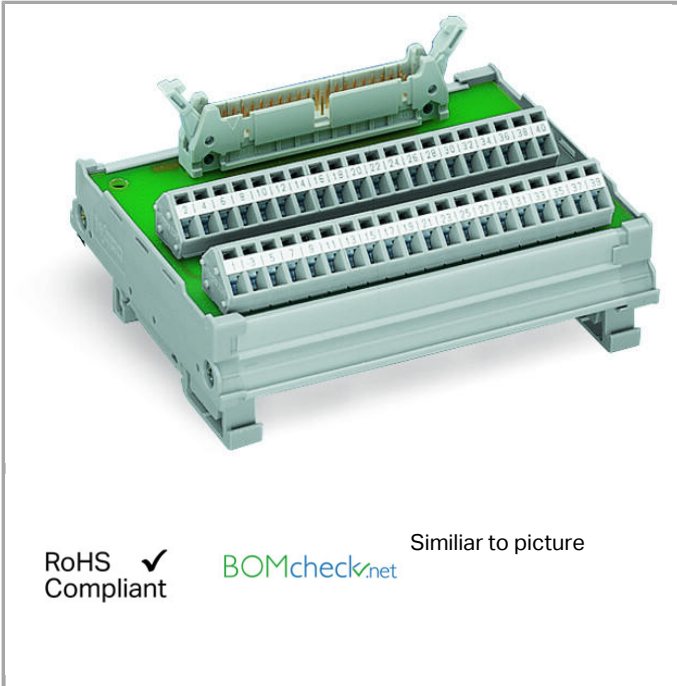


Data sheet | Item number: 289-509

Interface module; with male connector per DIN 41651; 64-pole



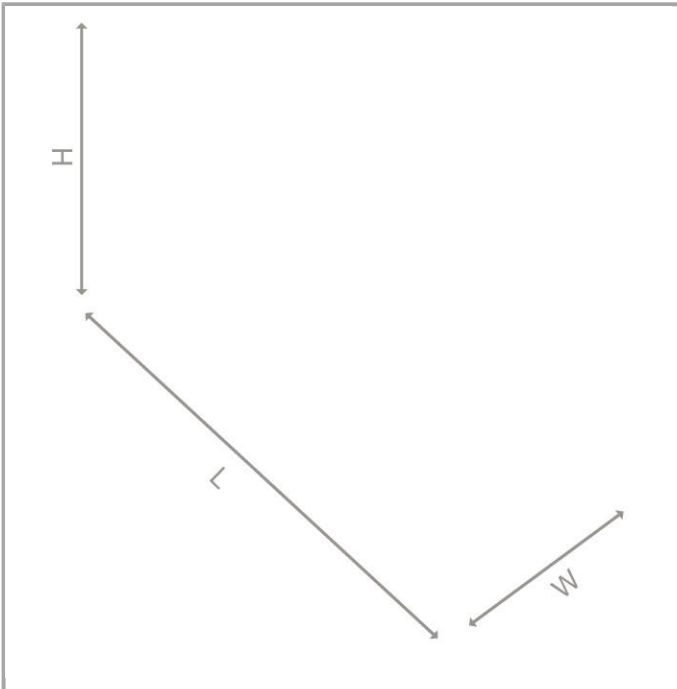
289-509



RoHS  Compliant

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

Similar to picture



Data  
Electrical data



Operating voltage	≤ AC 100 V; ≤ DC 125 V
Nominal current	1 A

### Safety and protection:

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

### Connection data

No. of poles	64
Connection type (1)	System
No. of poles 1	64
Pluggable connector	Pluggable connector per DIN 41651; male connector
Mating direction	Vertical
Connection type (2)	Field
No. of poles 2	64
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 <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	3 / 50 mating cycles

### Geometrical Data

Width	170 mm / 6.693 inch
Height from upper-edge of DIN-35 rail	36 mm / 1.417 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
Fire load	0MJ
Weight	167 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)
Country of origin	DE
GTIN	4045454343255
Customs Tariff No.	85369010000

## Compatible products

### Marking accessories

	<b>Item no.: 709-177</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type	709-177
	<b>Item no.: 709-178</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type	709-178
	<b>Item no.: 709-196</b> Marking strips; for laser printer	709-196
	<b>Item no.: 709-198</b> Marking strips	709-198

### tools

	<b>Item no.: 210-720</b> Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	210-720
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## Downloads

### Documentation

#### Additional Information

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

### CAD data

3D Download 289-509	URL	Download
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Subject to changes.

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