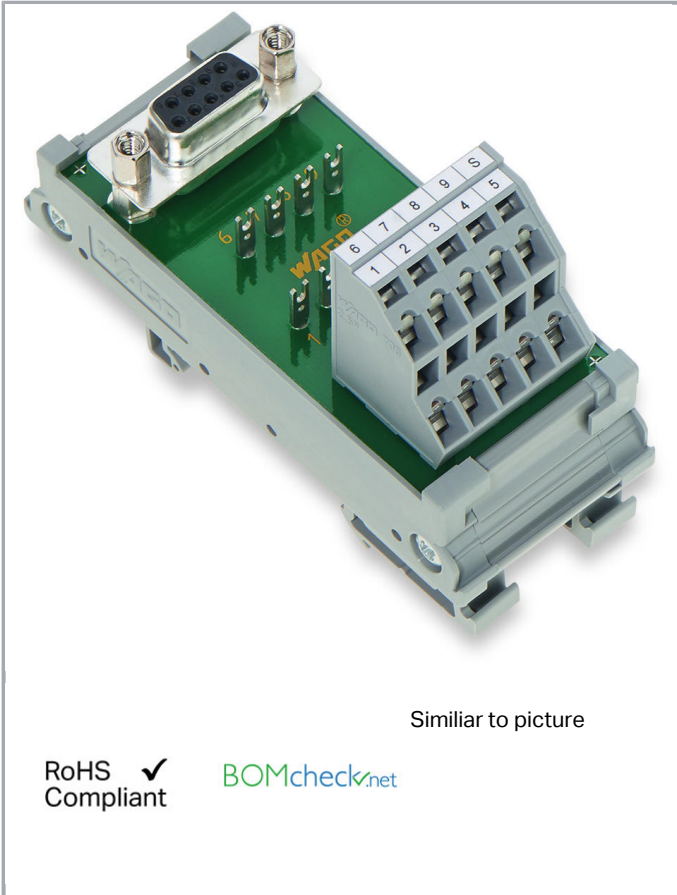


**Data sheet | Item number: 289-728**

Interface module; with solder pin; Female connector; 37-pole; Double-deck PCB terminal blocks; in mounting carrier; Mating connector for solder connection; 2,50 mm<sup>2</sup>



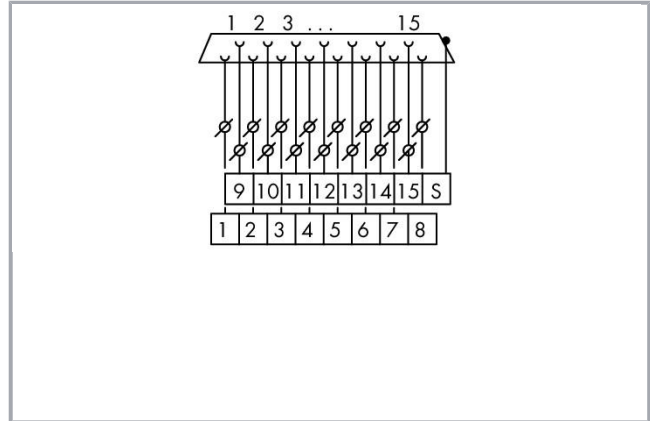
[www.wago.com/289-728](http://www.wago.com/289-728)



Similar to picture

RoHS Compliant

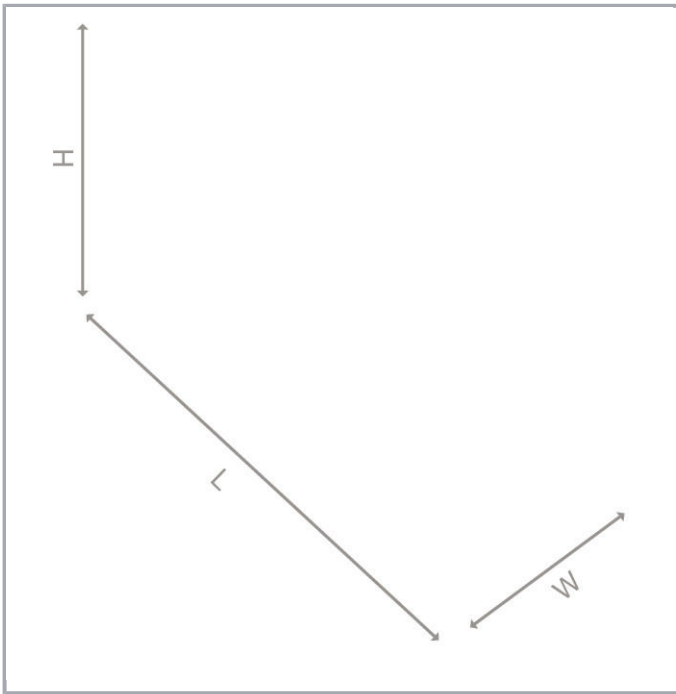
[BOMcheck.net](https://www.bomcheck.net)



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

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Do you have any questions about our products?  
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### Item description

**Note:**

One solder terminal per pole is available for testing and patching (except for shield contact).

### Data

#### Electrical Data

Operating voltage	≤ AC/DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 mΩ
Specialty functions	With solder pin With shield connection

#### 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

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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	37
Pluggable connector	D-sub female connector
For mating connectors	with solder contact
Mating direction	Vertical
Pull relief	Stud bolts UNC 4-40
Connection type (2)	Field
No. of poles 2	38
Design 2	PCB terminal blocks (double-deck)
Connection technology 2	CAGE CLAMP®
WAGO terminal 2	WAGO 736 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	UNC 4-40 stud bolt

## Geometrical Data

Width	99,5 mm / 3.917 inch
Height from upper-edge of DIN-35 rail	48 mm / 1.89 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	1.772 MJ
Weight	130 g

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

## Environmental Requirements

Surrounding air (operating) temperature	-20 ... 50 °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	4045454609801
Customs Tariff No.	85369010000

## Counterpart

## Compatible products

### Marking accessories

	<b>Item no.: 709-177</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	<a href="http://www.wago.com/709-177">www.wago.com/709-177</a>
	<b>Item no.: 709-178</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/709-178">www.wago.com/709-178</a>
	<b>Item no.: 709-196</b> Marking strips; for laser printer; translucent	<a href="http://www.wago.com/709-196">www.wago.com/709-196</a>
	<b>Item no.: 709-198</b> Marking strips; white	<a href="http://www.wago.com/709-198">www.wago.com/709-198</a>

## Downloads

### Documentation

#### Instruction Leaflet

pdf  
1.3 MB

[Download](#)

### Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf  
265.8 kB

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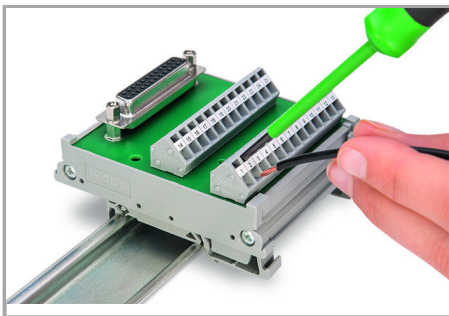
## CAD/CAE-Data

### CAE data

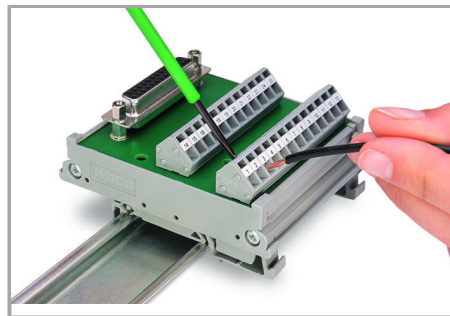
EPLAN Data Portal 289-728	<a href="#">URL</a>	<a href="#">Download</a>
WSCAD Universe 289-728	<a href="#">URL</a>	<a href="#">Download</a>

## Installation Notes

### Inserting a conductor

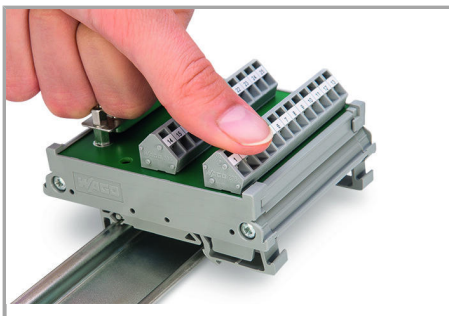


Connection of conductor – Operating tool actuation parallel to conductor entry.

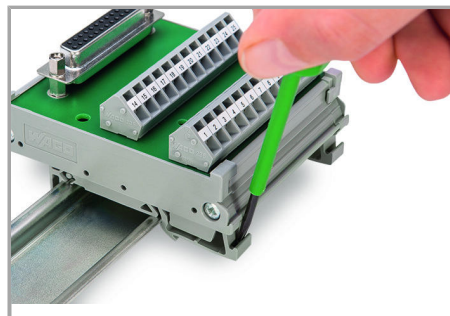


Connection of conductor – Operating tool actuation perpendicular to conductor entry.

### Assembly



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!