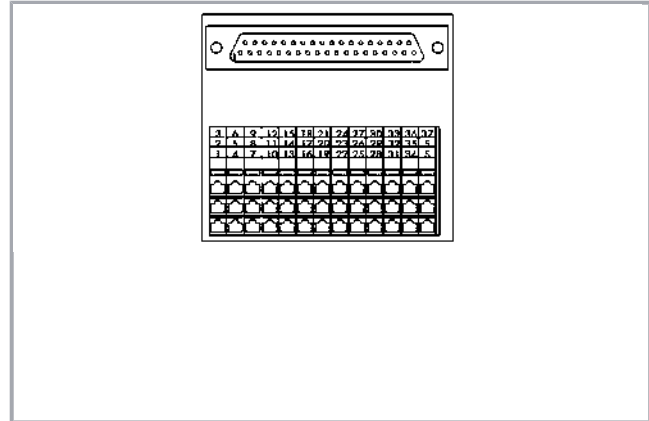


## Data sheet | Item number: 289-624

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

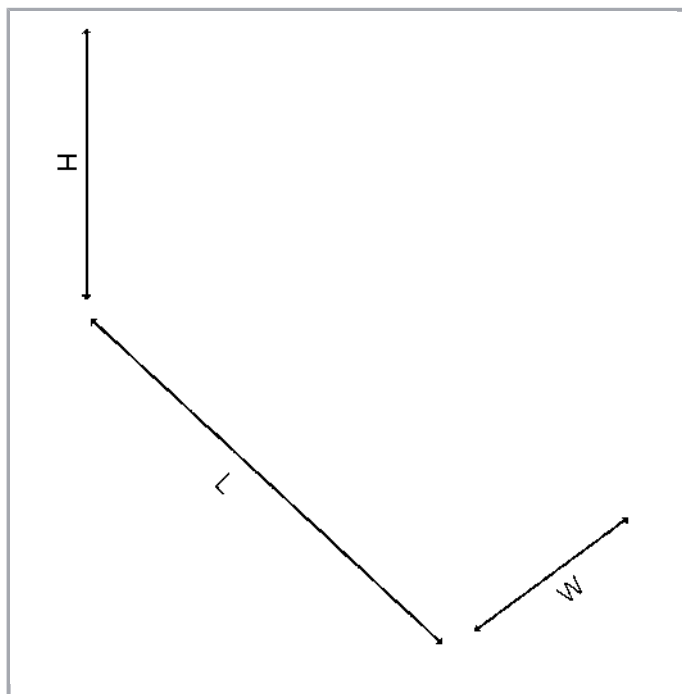
[www.wago.com/289-624](http://www.wago.com/289-624)



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

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32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
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## Data

### Electrical Data

Operating voltage	$\leq$ AC 100 V; $\leq$ DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 m $\Omega$
Specialty functions	With shield connection

### 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	37
Pluggable connector	D-subminiature; female connector
For mating connectors	With solder connection
Mating direction	Vertical
Pull relief	Stud bolts UNC 4-40

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Connection type (2)	Field
No. of poles 2	39
Design 2	PCB terminal blocks, 3-deck
Connection technology 2	CAGE CLAMP®
WAGO terminal 2	WAGO 737 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	2 / 200 mating cycles
Strain relief	Gewindebolzen UNC 4-40

### Geometrical Data

Width	74 mm / 2.913 inch
Height from upper-edge of DIN-35 rail	62 mm / 2.441 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	123.2 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)
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Packaging type	BOX
Country of origin	DE
GTIN	4045454516451
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

### tools



Item no.: 210-720

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

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

### 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](http://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](http://www.wago.com/709-178)



Item no.: 709-196

Marking strips; for laser printer; translucent

[www.wago.com/709-196](http://www.wago.com/709-196)



Item no.: 709-198

Marking strips; white

[www.wago.com/709-198](http://www.wago.com/709-198)

## Downloads

### Documentation

#### Bid Text

289-624

Feb 6, 2015

doc  
27.1 kB

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289-624 GAEB X81 - Datei	Feb 19, 2019	xml 3.8 kB	Download
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<b>Additional Information</b>			
Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download

## CAD/CAE-Data

### CAD data

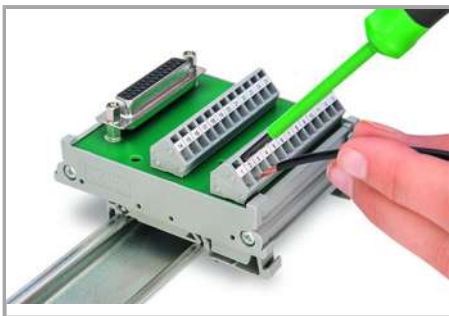
2D/3D Models 289-624	URL	Download
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### CAE data

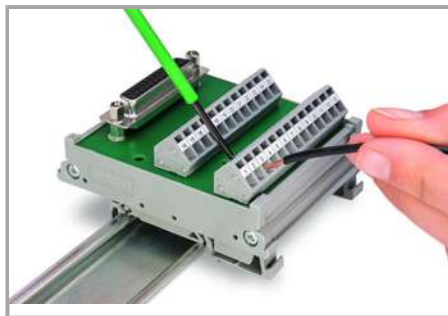
EPLAN Data Portal 289-624	URL	Download
WSCAD Universe 289-624	URL	Download

## Installation Notes

### Inserting a conductor



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



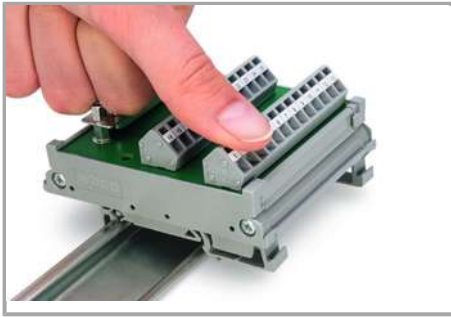
Connection of conductor – Operating tool actuation perpendicular to conductor entry.

### Assembly

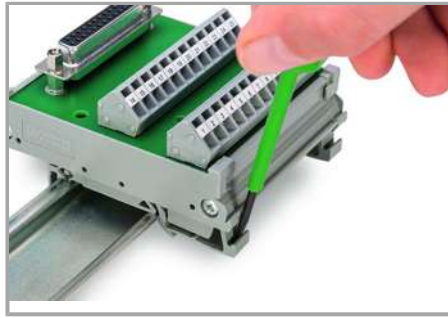
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Assembly of a module on the carrier rail



Removing a module from the DIN-rail.

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