

## Data sheet | Item number: 289-578

Interface module; with D-subminiature female connector; 37-pole; for mating connectors with solder connection; with shield connection; Vertical mounting



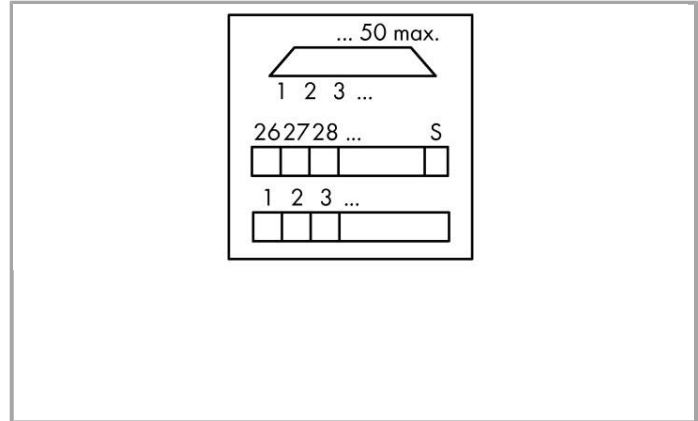
[www.wago.com/289-578](http://www.wago.com/289-578)



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### Data

#### Electrical data

Operating voltage	$\leq 100 \text{ VAC}; \leq 125 \text{ VDC}$
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
Degree of protection	IP20



## Connection data

No. of poles	37
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
Connection type (2)	Field
No. of poles 2	37
Design 2	PCB terminal blocks, 2-row
Connection technology 2	CAGE CLAMP®
WAGO terminal 2	WAGO 236 Series 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

## Geometrical Data

Width	99 mm / 3.898 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
Fire load	1.184 MJ
Weight	112.9 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

Country of origin	DE
GTIN	4045454473792
Customs Tariff No.	85369010000
Product Group	6 (Interface Electronics)


## Approvals / Certificates

### UL-Approvals




Logo	Approval	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	E175199 Vol.2 Sec.1

## Compatible products

### tools

	Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>
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### Marking accessories

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

## Downloads

### Documentation

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	Download
		265.8 kB

## smartDATA

### CAD data



3D Download 289-578

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Subject to changes.

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