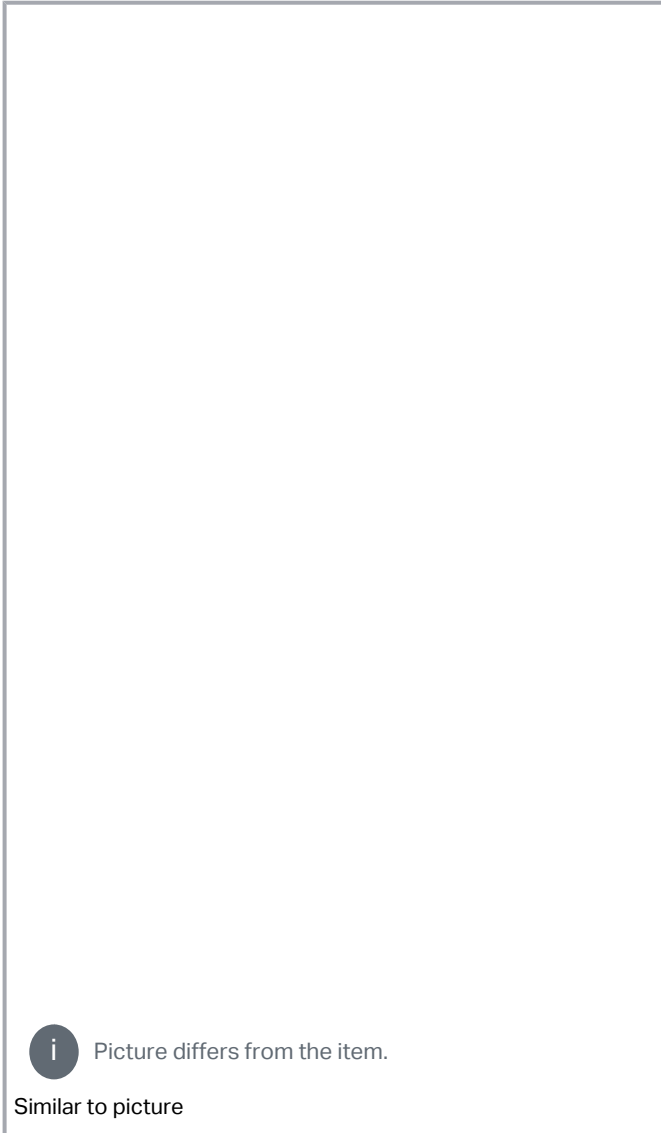


**Data sheet | Item number: 289-623**

Interface module; with solder pin; Female connector; 25-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/289-623](http://www.wago.com/289-623)



**Data**

**Electrical data**

|                   |               |
|-------------------|---------------|
| Operating voltage | ≤ AC/DC 125 V |
| Nominal current   | 2 A           |

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



|                           |                        |
|---------------------------|------------------------|
| Contact resistance (max.) | 30 mΩ                  |
| Specialty functions       | with shield connection |

## Safety and protection

|  |   |
|--|---|
| Rated voltage                                      | 125 V   |
| Rated surge voltage                                | 0.8 kV  |
| Pollution degree                                   | 2   |
| Protection type                                    | IP00;<br><b>Notice!</b> Live parts can be easily touched! Protection against direct 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. |
| Dielectric strength (channel/channel) (AC, 1 min.) | 1.3 kV <sub>rms</sub>   |
| Insulation type                                    | Functional insulation   |

## Connection data

|                   |                       |
|-------------------|-----------------------|
| Performance level | 2 / 200 mating cycles |
| Strain relief     | UNC 4-40 stud bolt    |

## Connection 1

|                                |                                 |
|--------------------------------|---------------------------------|
| Connector                      | D-subminiature female connector |
| Pole number 1                  | 25                              |
| Connection type 1              | System                          |
| Note (conductor cross-section) | 12 AWG: THHN, THWN              |
| Mating direction               | vertical                        |

## Connection 2

|                           |  |
|---------------------------|--|
| Design 2                  | PCB terminal blocks (triple-deck)            |
| Pole number 2             | 27   |
| Connection type 2         | Field  |
| Connection technology 2   | CAGE CLAMP®                                  |
| WAGO connector 2          | WAGO 737 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 inches             |

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



## Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 56 mm / 2.205 inches |
| Height                            | 85 mm / 3.346 inches |
| Depth from upper-edge of DIN-rail | 62 mm / 2.441 inches |

## Mechanical Data

|                |                  |
|----------------|------------------|
| Mounting type  | DIN-35 rail      |
| Housing design | Mounting carrier |

## Material Data

|                              |            |
|------------------------------|------------|
| Contact material (connector) | Au over Ni |
| Fire load                    | 1.076 MJ   |
| Weight                       | 94.5 g     |

## Environmental requirements

|                                 |                      |
|---------------------------------|----------------------|
| Ambient temperature (operation) | -20 ... +50 °C       |
| Ambient temperature (storage)   | -40 ... +70 °C       |
| Relative humidity               | 85% (non-condensing) |

## Standards and specifications

|                          |                |
|--------------------------|----------------|
| Standards/specifications | EN 61010-2-201 |
|--------------------------|----------------|

## Commercial data

|                       |                          |
|-----------------------|--------------------------|
| Product Group         | 6 (INTERFACE ELECTRONIC) |
| eCl@ss 10.0           | 27-14-11-52              |
| eCl@ss 9.0            | 27-14-11-52              |
| ETIM 8.0              | EC002780                 |
| ETIM 7.0              | EC002780                 |
| Recupel Type          |                          |
| PU (SPU)              | 4 (1) pcs                |
| Packaging type        | box                      |
| Country of origin     | DE                       |
| GTIN                  | 4045454417192            |
| Customs tariff number | 85366990990              |

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



## Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

## Approvals / Certificates

### General approvals

| Logo | Approval   | Additional Approval Text | Certificate name            |
|------|--|--------------------------|-----------------------------|
|      | <b>EAC</b><br>Brjansker Zertifizierungsstelle                    | TP TC 004/2011           | EAC RU C-DE.AM02.B.00122/19 |
|      | <b>UL</b><br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 508                   | E175199 Vol.2 Sec. 1        |

### Declarations of conformity and manufacturer's declarations

| Logo | Approval  | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
|      | <b>EU-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |

## Optional accessories

### Tool

#### Operating tool

|  |  |
|--|--|
| <b>Item no.: 210-720</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured | <a href="http://www.wago.com/210-720">www.wago.com/210-720</a> |
|--|--|

### Marking accessories

#### Marking strip

|   |  |
|---|--|
| <b>Item no.: 709-196</b><br>Marking strips; for laser printer; translucent  | <a href="http://www.wago.com/709-196">www.wago.com/709-196</a> |
| <b>Item no.: 709-178</b><br>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.: 709-177</b><br>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> |

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



## Downloads

### Documentation

#### Bid Text

|                        |             |               |          |
|------------------------|-------------|---------------|----------|
| 289-623<br>X81 - Datei | 2019 年2月19日 | xml<br>3.8 kB | Download |
|------------------------|-------------|---------------|----------|

|                        |            |                |          |
|------------------------|------------|----------------|----------|
| 289-623<br>doc - Datei | 2015 年2月6日 | doc<br>27.6 kB | Download |
|------------------------|------------|----------------|----------|

#### Instruction Leaflet

|  |  |               |          |
|--|--|---------------|----------|
|  |  | pdf<br>1.3 MB | Download |
|--|--|---------------|----------|

#### Additional Information

|   |                        |               |          |
|---|------------------------|---------------|----------|
| Disposal and Recycling<br>Electrical and electronic equipment, Batteries, Packaging | V 1.1.0<br>2022 年8月18日 | pdf<br>2.2 MB | Download |
|---|------------------------|---------------|----------|

## CAD/CAE-Data

### CAD data

|                      |  |     |          |
|----------------------|--|-----|----------|
| 2D/3D Models 289-623 |  | URL | Download |
|----------------------|--|-----|----------|

### CAE data

|                           |  |     |          |
|---------------------------|--|-----|----------|
| EPLAN Data Portal 289-623 |  | URL | Download |
|---------------------------|--|-----|----------|

|                      |  |     |          |
|----------------------|--|-----|----------|
| ZUKEN Portal 289-623 |  | URL | Download |
|----------------------|--|-----|----------|

|                        |  |     |          |
|------------------------|--|-----|----------|
| WSCAD Universe 289-623 |  | URL | Download |
|------------------------|--|-----|----------|

## Environmental Product Compliance

### Compliance Search

|  |  |     |          |
|--|--|-----|----------|
| Environmental Product Compliance 289-623<br>Interface module; with solder pin; Female connector; 25-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> |  | URL | Download |
|--|--|-----|----------|

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

## Installation Notes

### Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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