

## Data Sheet | Item Number: 279-623/281-529

Component terminal block; 4-conductor; BF 0207; for DIN-rail 35 x 15 and 35 x 7.5;  
1.5 mm<sup>2</sup>; CAGE CLAMP®; gray

<https://www.wago.com/279-623/281-529>



### Notes

#### Safety Information

- Installation must be performed by qualified personnel only.
- The DIN-rail must be grounded.
- The input current must be protected by a suitable fuse.
- Protection against contact with stored charges must be ensured.
- Do not insert or remove pluggable modules when energized.
- The IP20 protection rating must be maintained in the assembled state or when using an end/intermediate plate compatible with the rail-mount terminal block.

### Electrical data

|                            |                             |
|----------------------------|-----------------------------|
| Operating voltage          | 250 VAC                     |
| Load current per potential | 18 A                        |
| Power (max.)               | 0.6 W                       |
| Resistor                   | 330R                        |
| Thermal resistance         | 140 K/W                     |
| Tolerance                  | ±1 %                        |
| Resistor type/design       | DIN 0207                    |
| Failure ratio              | < 0.3 x 10 <sup>-9</sup> /h |

### Safety and protection

#### Rated impulse withstand voltage

4 kV

#### Pollution degree

3

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#### Protection type

IP20

### Connection Data

|                            |   |
|----------------------------|---|
| Clamping units             | 4 |
| Total number of potentials | 1 |
| Number of levels           | 1 |

#### Connection 1

|                                 |  |
|---------------------------------|--|
| Connection technology           | CAGE CLAMP®                                  |
| Actuation type                  | Operating tool                               |
| Connectable conductor materials | Copper                                       |
| Solid conductor                 | 0.08 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG |
| Fine-stranded conductor         | 0.08 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG |
| Strip length                    | 8 ... 9 mm / 0.31 ... 0.35 inches            |

### Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 4 mm / 0.157 inches  |
| Height                            | 68 mm / 2.677 inches |
| Depth from upper-edge of DIN-rail | 27 mm / 1.063 inches |

### Material data

|                                    |                  |
|------------------------------------|------------------|
| Color                              | gray             |
| Insulation material (main housing) | Polyamide (PA66) |
| Material group                     | I                |
| Flammability class per UL94        | V0               |
| Fire load                          | 0.103 MJ         |
| Weight                             | 6.6 g            |

### Environmental requirements

|                                 |                |
|---------------------------------|----------------|
| Ambient temperature (operation) | -25 ... +70 °C |
| Processing temperature          | -35 ... +85 °C |

### Standards and Specifications

|                          |  |
|--------------------------|--|
| Standards/specifications | EN 60947-7-1<br>EN 60664-1<br>EN 60529 |
|--------------------------|--|

### Commercial data

|                       |                                  |
|-----------------------|----------------------------------|
| Product Group         | 1 (Rail Mounted Terminal Blocks) |
| PU (SPU)              | 100 pcs                          |
| Packaging type        | Box                              |
| Country of origin     | DE                               |
| GTIN                  | 4045454193898                    |
| Customs tariff number | 85369010000                      |

### Product Classification

|           |                      |
|-----------|----------------------|
| UNSPSC    | 39121410             |
| ETIM 9.0  | EC000903             |
| ETIM 10.0 | EC000903             |
| ECCN      | NO US CLASSIFICATION |

### Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

### Approvals / Certificates

#### Declarations of conformity and manufacturer's declarations

| Approval  | Standard | Certificate Name |
|---|----------|------------------|
| EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                |

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

Current addresses can be found at: [www.wago.com](http://www.wago.com)