

## Data Sheet | Item Number: 280-815/281-559

Component terminal block; 4-conductor; with 1K0 resistor; BF 0207; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

<https://www.wago.com/280-815/281-559>



### Electrical data

|                            |                             |
|----------------------------|-----------------------------|
| Operating voltage          | 250 VAC                     |
| Load current per potential | 16 A                        |
| Power (max.)               | 0.6 W                       |
| Resistance                 | 1K0                         |
| 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 surge voltage | 4 kV |
| Pollution degree    | 3    |
| Protection type     | IP20 |

### Connection data

|                                 |                                              |
|---------------------------------|----------------------------------------------|
| Connection points               | 4                                            |
| Total number of potentials      | 1                                            |
| Number of levels                | 1                                            |
| Connection technology           | CAGE CLAMP®                                  |
| Actuation type                  | Operating tool                               |
| Connectable conductor materials | Copper<br>Aluminum                           |
| Solid conductor                 | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG |
| Fine-stranded conductor         | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG |
| Strip length                    | 8 ... 9 mm / 0.31 ... 0.35 inches            |

### Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 5 mm / 0.197 inches  |
| Height                            | 75 mm / 2.953 inches |
| Depth from upper-edge of DIN-rail | 28 mm / 1.102 inches |

### Material data

|                             |                  |
|-----------------------------|------------------|
| Color                       | gray             |
| Insulation material         | Polyamide (PA66) |
| Material group              | I                |
| Flammability class per UL94 | V0               |
| Fire load                   | 0.148 MJ         |
| Weight                      | 9.5 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                          |
| Country of origin     | DE                               |
| GTIN                  | 4045454850821                    |
| Customs tariff number | 85369010000                      |

| Environmental Product Compliance |                          |
|----------------------------------|--------------------------|
| RoHS Compliance Status           | Compliant,With Exemption |
| RoHS Exemption                   | 7(c)-I                   |