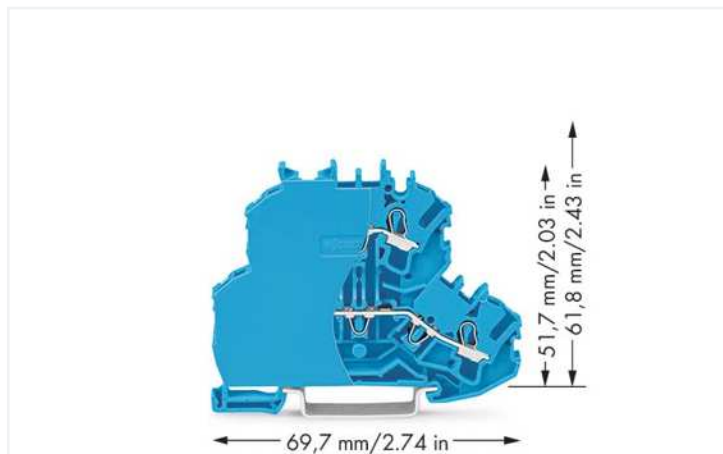


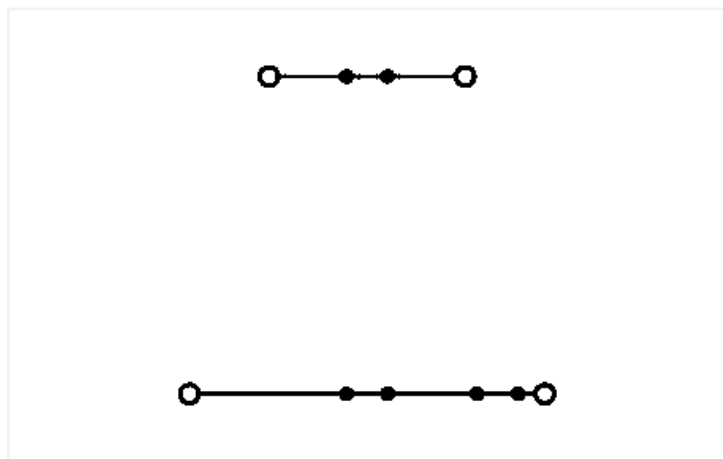
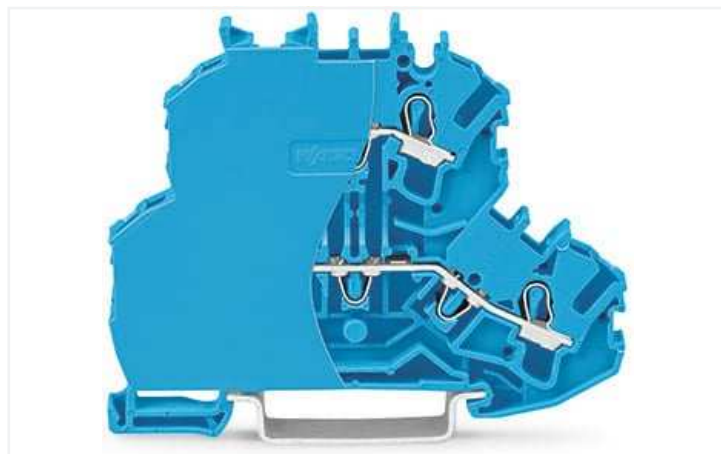
## Data Sheet | Item Number: 2002-2204/099-000

Double-deck terminal block; Through/through terminal block; with end plate; N/N; without marker carrier; suitable for Ex i applications; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; blue

<https://www.wago.com/2002-2204/099-000>



Color: ■ blue



Similar to illustration

### Electrical data

#### Ratings per IEC/EN

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| Ratings per                   | IEC/EN 60947-7-1                                                 |
| Nominal voltage (III/3)       | 800 V                                                            |
| Rated impulse voltage (III/3) | 8 kV                                                             |
| Rated current                 | 24 A                                                             |
| Legend (ratings)              | (III / 3) $\Delta$ Overvoltage category III / Pollution degree 3 |

#### Ratings per UL 1059

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 600 V   |
| Rated current UL (Use Group B) | 20 A    |
| Rated voltage UL (Use Group C) | 600 V   |
| Rated current UL (Use Group C) | 20 A    |
| Rated voltage UL (Use Group D) | 600 V   |
| Rated current UL (Use Group D) | 5 A     |

#### Ratings per CSA

|                                 |                 |
|---------------------------------|-----------------|
| Approvals per                   | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group B) | 600 V           |
| Rated current CSA (Use Group B) | 20 A            |
| Rated voltage CSA (Use Group C) | 600 V           |
| Rated current CSA (Use Group C) | 20 A            |

#### Ex information

|                                     |                                                                                                     |
|-------------------------------------|-----------------------------------------------------------------------------------------------------|
| Reference hazardous areas           | See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations" |
| Ratings per                         | ATEX: PTB 03 ATEX 1162 U / IECEx: PTB 03.0004U (Ex eb IIC Gb)                                       |
| Rated voltage EN (Ex e II)          | 440 V                                                                                               |
| Rated current (Ex e II)             | 20 A                                                                                                |
| Rated current (Ex e II) with jumper | 18 A                                                                                                |

### Power loss

|                                                              |                  |
|--------------------------------------------------------------|------------------|
| Power loss, per pole (potential)                             | 0.7661 W         |
| Rated current $I_N$ for specified power loss                 | 24 A             |
| Resistance value for specified, current-dependent power loss | 0.00133 $\Omega$ |

### Connection data

|                              |   |
|------------------------------|---|
| Connection points            | 4 |
| Total number of potentials   | 2 |
| Number of levels             | 2 |
| Number of jumper slots       | 4 |
| Anzahl Brückeraufnahmen Rang | 1 |

### Connection 1

|                                                            |                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology                                      | Push-in CAGE CLAMP®                                                                                                               |
| Number of connection points                                | 2                                                                                                                                 |
| Actuation type                                             | Operating tool                                                                                                                    |
| Connectable conductor materials                            | Copper                                                                                                                            |
| Nominal cross-section                                      | 2.5 mm <sup>2</sup>                                                                                                               |
| Solid conductor                                            | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG                                                                                        |
| Solid conductor; push-in termination                       | 0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG                                                                                        |
| Fine-stranded conductor                                    | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG                                                                                        |
| Fine-stranded conductor; with insulated ferrule            | 0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG                                                                                      |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG                                                                                         |
| Note (conductor cross-section)                             | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
| Strip length                                               | 10 ... 12 mm / 0.39 ... 0.47 inches                                                                                               |
| Wiring direction                                           | Front-entry wiring                                                                                                                |

### Connection 2

|                               |   |
|-------------------------------|---|
| Number of connection points 2 | 2 |
|-------------------------------|---|

### Physical data

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 6.2 mm / 0.244 inches  |
| Height                            | 69.7 mm / 2.744 inches |
| Depth from upper-edge of DIN-rail | 51.7 mm / 2.035 inches |

### Mechanical Data

|                   |                     |
|-------------------|---------------------|
| Potential marking | N/N                 |
| Mounting type     | DIN-35 rail         |
| Marking level     | Center/side marking |

### Material Data

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| Note (material data)        | <a href="#">Information on material specifications can be found here</a> |
| Color                       | blue                                                                     |
| Material group              | I                                                                        |
| Insulation material         | Polyamide (PA66)                                                         |
| Flammability class per UL94 | V0                                                                       |
| Fire load                   | 0.303 MJ                                                                 |
| Weight                      | 13.2 g                                                                   |

**Environmental requirements**

|                                  |                 |
|----------------------------------|-----------------|
| Processing temperature           | -35 ... +85 °C  |
| Continuous operating temperature | -60 ... +105 °C |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-14-11-20   |
| eCl@ss 9.0            | 27-14-11-20   |
| ETIM 8.0              | EC000897      |
| ETIM 7.0              | EC000897      |
| PU (SPU)              | 50 pcs        |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4050821299028 |
| Customs tariff number | 85369010000   |