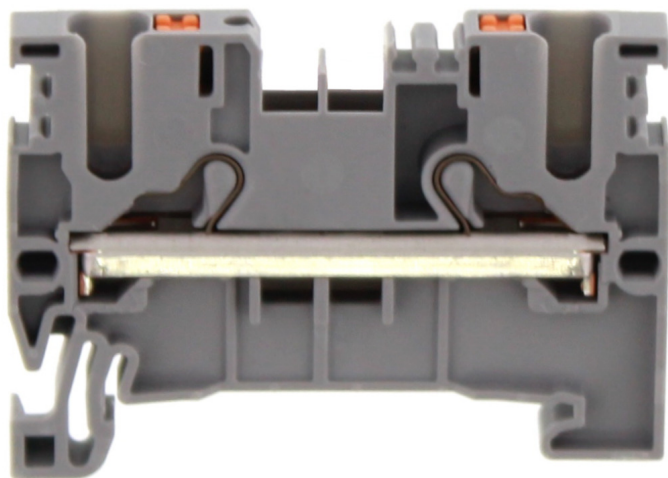


# Data sheet

## 27006.6 PRK 2,5/2A GR



Feed-through terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Grey

**RAL:** 7030

### Business data

|                                            |                       |
|--------------------------------------------|-----------------------|
| Article number                             | 27006.6               |
| Article name                               | PRK 2,5/2A GR         |
| GTIN (EAN)                                 | 4044211223793         |
| Packaging unit                             | 50                    |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 5.29 g                |
| Weight per piece (including packaging)     | 5.98 g                |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | CZ                    |
| Prio-Article                               | 27006.6               |
| Product description                        | Feed-through terminal |

### Technical data

#### Dimensions

|                  |         |
|------------------|---------|
| Length           | 48.5 mm |
| Width            | 5.1 mm  |
| Height           | 35.2 mm |
| Height TS 35/7.5 | 36.7 mm |

#### Ratings

|                                                 |                     |
|-------------------------------------------------|---------------------|
| Rated voltage                                   | 800 V               |
| Rated current                                   | 24 A                |
| Rated cross-section                             | 2.5 mm <sup>2</sup> |
| Rated impulse voltage                           | 6 kV                |
| Overvoltage category                            | III                 |
| Contamination degree                            | 3                   |
| Maximum power dissipation for nominal condition | 0.77 W              |

#### Connection data

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Connection principle                                     | Push-in connection  |
| Connection position                                      | Top                 |
| Connections                                              | 2                   |
| Number of terminals per level                            | 2                   |
| Number of levels                                         | 1                   |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.5 mm <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>   |
| Wire cross-section stranded, min.                        | 0.5 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 2.5 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup> |
| Wire cross-section AWG, max.                             | 12                  |
| Stripping length                                         | 10 mm               |

#### Materials

|                           |               |
|---------------------------|---------------|
| Insulation housing        | Polyamide 6.6 |
| Flammability class UL 94  | V-0           |
| Working temperature, min. | -40 °C        |
| Working temperature, max. | 120 °C        |

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### Technical data

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#### Further technical data

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|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Mounting type                       | Mounting rail TS 35/7,5 and TS 35/15 |
| Gauge plug acc. to EN 60 947-1      | A3                                   |
| Number of cross-connection channels | 2                                    |
| End plate required                  | ✓                                    |

#### Environmental Product Compliance

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|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2022-06-10 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

### Approvals

#### Standards and regulations

|                      |                |
|----------------------|----------------|
| EAC approval         | TR ZU 004/2011 |
| EAC approval granted | yes            |

#### cUL Recognized

|                                                      |                   |
|------------------------------------------------------|-------------------|
| cUL approval                                         | CSA-C22.2 No. 158 |
| cUL Usegroup B: rated voltage                        | 600 V             |
| cUL Usegroup B: rated current                        | 20 A              |
| cUL Usegroup C: rated voltage                        | 600 V             |
| cUL Usegroup C: rated current                        | 20 A              |
| cUL Usegroup D: rated voltage                        | 600 V             |
| cUL Usegroup D: rated current                        | 5 A               |
| cUL wire cross-section single-core (rigid) AWG, min. | 26                |
| cUL wire cross-section single-core (rigid) AWG, max. | 12                |
| cUL wire cross-section stranded AWG, min.            | 26                |
| cUL wire cross-section stranded AWG, max.            | 12                |
| cUL wire material                                    | Cu                |
| cUL File Number                                      | E95701            |
| cUL Recognized                                       | 1                 |

#### KEMA KEUR approval

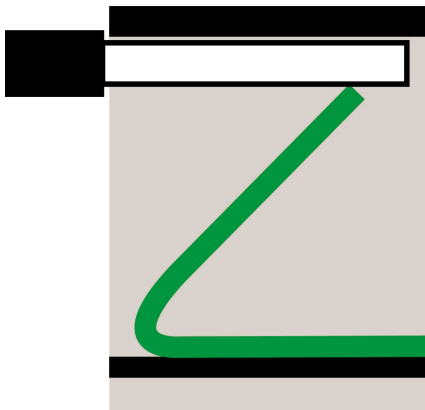
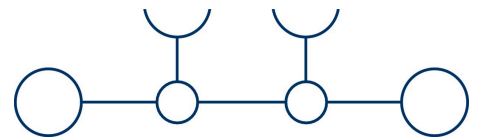
|                                |                   |
|--------------------------------|-------------------|
| KEMA KEUR approval             | EN 60947-7-1:2009 |
| KEMA KEUR approval applied for | yes               |

### Approvals

#### UL Recognized

|                                                     |         |
|-----------------------------------------------------|---------|
| UL approval                                         | UL 1059 |
| UL Usegroup B: rated voltage                        | 600 V   |
| UL Usegroup B: rated current                        | 20 A    |
| UL Usegroup C: rated voltage                        | 600 V   |
| UL Usegroup C: rated current                        | 20 A    |
| UL Usegroup D: rated voltage                        | 600 V   |
| UL Usegroup D: rated current                        | 5 A     |
| UL wire cross-section single-core (rigid) AWG, min. | 26      |
| UL wire cross-section single-core (rigid) AWG, max. | 12      |
| UL wire cross-section stranded AWG, min.            | 12      |
| UL wire cross-section stranded AWG, max.            | 26      |
| UL wire material                                    | Cu      |
| UL factory wiring                                   | 1       |
| UL field wiring                                     | 1       |
| UL File Number                                      | E95701  |
| UL Recognized                                       | 1       |

### Media



### Accessories

#### End plate



End plate, Width: 1.5 mm, Colour: Grey

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>27103.6</u> | PAP 2,5/2A GR | 4044211224448 | 20             |

#### End stop



End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3811.2</u>  | ZES 35/2 BG  | 4044211080600 | 50             |

#### Insulated cross-connector



Insulated cross-connector, No. of poles: 20, Mounting type: Plug in, Width: 100.9 mm, Colour: Red

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>27141.9</u> | PQI 2,5/20 RD | 4044211225278 | 5              |

#### Quick marking

Terminal marker / PC Card, Length: 5 mm, Width: 5 mm, Colour: White

| Article number | Article name    | GTIN (EAN)    | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28342.7</u> | PC-SB 5X5/48 WH | 4044211210380 | 960 ST         |

##INVERSE##CONTA-CONNECT

## 27006.6 PRK 2,5/2A GR



End plate, Width: 1.5 mm, Colour: Grey

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>27103.6</u> | PAP 2,5/2A GR | 4044211224448 | 20             |

## Screwdriver

Screwdriver with bare blade, Colour:



| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3169.0</u>  | SDB 0,4x2,5  | 4044211125202 | 1 ST           |