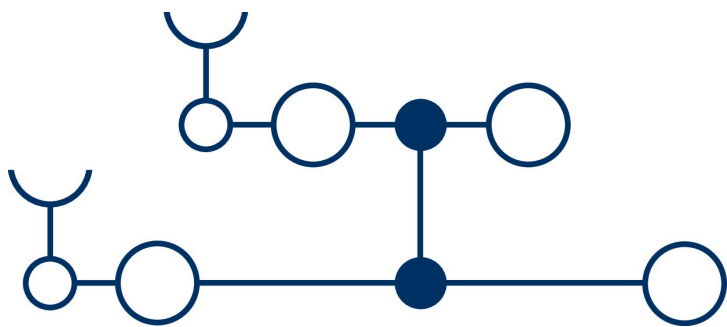


# Data sheet

## 27038.3 PRKD 2,5/SV OG



Double-level terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Orange

**RAL:** Ähnlich 5005

### Business data

|                                            |                       |
|--------------------------------------------|-----------------------|
| Article number                             | 27038.3               |
| Article name                               | PRKD 2,5/SV OG        |
| GTIN (EAN)                                 | 4044211227128         |
| Packaging unit                             | 50                    |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 9.79 g                |
| Weight per piece (including packaging)     | 10.53 g               |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | CZ                    |
| Prio-Article                               | 27038.6               |
| Product description                        | Double-level terminal |

### Technical data

#### Dimensions

|                  |         |
|------------------|---------|
| Length           | 68.7 mm |
| Width            | 5.1 mm  |
| Height           | 45.7 mm |
| Height TS 35/7.5 | 47.2 mm |

#### Ratings

|                                                 |                     |
|-------------------------------------------------|---------------------|
| Rated voltage                                   | 500 V               |
| Rated current                                   | 22 A                |
| Rated cross-section                             | 2.5 mm <sup>2</sup> |
| Rated impulse voltage                           | 6 kV                |
| Overvoltage category                            | 3                   |
| Contamination degree                            | III                 |
| Maximum power dissipation for nominal condition | 1.41 W              |

#### Connection data

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Connection principle                                     | Push-in connection  |
| Connection position                                      | Top                 |
| Connections                                              | 4                   |
| Number of terminals per level                            | 2                   |
| Number of levels                                         | 2                   |
| Levels internally bridged                                | ✓                   |
| 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, min.                             | 21                  |
| Wire cross-section AWG, max.                             | 12                  |
| Stripping length                                         | 10 mm               |

### Technical data

#### Materials

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

#### Further technical data

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| 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

|                                |            |
|--------------------------------|------------|
| 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 | 300 V |
|-------------------------------|-------|

|                               |      |
|-------------------------------|------|
| cUL Usegroup B: rated current | 20 A |
|-------------------------------|------|

|                               |       |
|-------------------------------|-------|
| cUL Usegroup C: rated voltage | 300 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 |
|--------------------|-------------------|

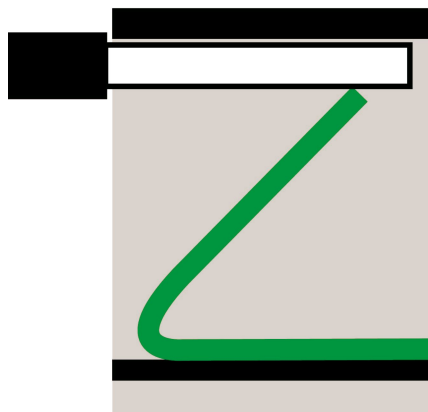
|                                |     |
|--------------------------------|-----|
| KEMA KEUR approval applied for | yes |
|--------------------------------|-----|

### Approvals

#### UL Recognized

|                                                     |         |
|-----------------------------------------------------|---------|
| UL approval                                         | UL 1059 |
| UL Usegroup B: rated voltage                        | 300 V   |
| UL Usegroup B: rated current                        | 20 A    |
| UL Usegroup C: rated voltage                        | 300 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.            | 26      |
| UL wire cross-section stranded AWG, max.            | 12      |
| 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>27118.6</u> | PAPD 2,5 GR  | 4044211225155 | 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             |

#### Test plug



Test plug, Colour: Red

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2007.0</u>  | PS 2,3       | 4044211048105 | 20 ST          |

#### Insulated cross-connector



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.3 mm, Colour: Red

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>27134.9</u> | PQI 2,5/4 RD | 4044211225247 | 20             |

#### Identification adapter

Label holder, Pitch size: 5.1 mm, Colour: grey



| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>27175.6</u> | PBA 3 GR     | 4044211226954 | 20 ST          |

### 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         |

### 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           |