

Feed-through terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm<sup>2</sup>, Width: 8.1 mm, Colour: Blue

**RAL:** Ähnlich 5005

### Business data

|  |                       |
|--|-----------------------|
| Article number                             | 27018.5               |
| Article name                               | PRK 6/2A BU           |
| GTIN (EAN)                                 | 4044211223908         |
| Packaging unit                             | 50                    |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 12.6 g                |
| Weight per piece (including packaging)     | 13.56 g               |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Prio-Article                               | 27018.6               |
| Product description                        | Feed-through terminal |

### Technical data

#### Dimensions

|                  |         |
|------------------|---------|
| Length           | 57.7 mm |
| Width            | 8.1 mm  |
| Height           | 42 mm   |
| Height TS 35/7.5 | 44 mm   |

#### Ratings

|   |                   |
|---|-------------------|
| Rated voltage                                   | 1000 V            |
| Rated current                                   | 41 A              |
| Rated cross-section                             | 6 mm <sup>2</sup> |
| Rated impulse voltage                           | 8 kV              |
| Overvoltage category                            | III               |
| Contamination degree                            | 3                 |
| Maximum power dissipation for nominal condition | 1.31 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.    | 10 mm <sup>2</sup>  |
| Wire cross-section stranded, min.                        | 0.5 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 6 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. | 6 mm <sup>2</sup>   |
| Wire cross-section AWG, min.                             | 20                  |
| Wire cross-section AWG, max.                             | 8                   |
| Stripping length   | 12 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

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Mounting type                       | Mounting rail TS 35/7,5 and TS 35/15 |
| Gauge plug acc. to EN 60 947-1      | A5                                   |
| 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 | 600 V |
|-------------------------------|-------|

|                               |                   |
|-------------------------------|-------------------|
| cUL Usegroup B: rated current | STR 40 / SOL 30 A |
|-------------------------------|-------------------|

|                               |       |
|-------------------------------|-------|
| cUL Usegroup C: rated voltage | 600 V |
|-------------------------------|-------|

|                               |                   |
|-------------------------------|-------------------|
| cUL Usegroup C: rated current | STR 40 / SOL 30 A |
|-------------------------------|-------------------|

|                               |       |
|-------------------------------|-------|
| cUL Usegroup D: rated voltage | 600 V |
|-------------------------------|-------|

|                               |                   |
|-------------------------------|-------------------|
| cUL Usegroup D: rated current | STR 40 / SOL 30 A |
|-------------------------------|-------------------|

|  |    |
|--|----|
| cUL wire cross-section single-core (rigid) AWG, min. | 20 |
|--|----|

|  |    |
|--|----|
| cUL wire cross-section single-core (rigid) AWG, max. | 10 |
|--|----|

|   |    |
|---|----|
| cUL wire cross-section stranded AWG, min. | 20 |
|---|----|

|   |   |
|---|---|
| cUL wire cross-section stranded AWG, max. | 8 |
|---|---|

|                   |    |
|-------------------|----|
| cUL wire material | Cu |
|-------------------|----|

|                 |        |
|-----------------|--------|
| cUL File Number | E95701 |
|-----------------|--------|

|                |   |
|----------------|---|
| cUL Recognized | 1 |
|----------------|---|

#### KEMA KEUR approval

|                    |                   |
|--------------------|-------------------|
| KEMA KEUR approval | EN 60947-7-1:2009 |
|--------------------|-------------------|

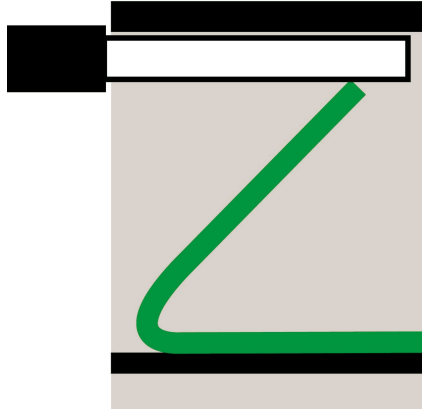
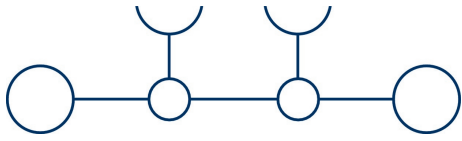
|                                |     |
|--------------------------------|-----|
| KEMA KEUR approval applied for | yes |
|--------------------------------|-----|

### Approvals

#### UL Recognized

|   |                   |
|---|-------------------|
| UL approval   | UL 1059           |
| UL Usegroup B: rated voltage                        | 600 V             |
| UL Usegroup B: rated current                        | STR 40 / SOL 30 A |
| UL Usegroup C: rated voltage                        | 600 V             |
| UL Usegroup C: rated current                        | STR 40 / SOL 30 A |
| UL Usegroup D: rated voltage                        | 600 V             |
| UL Usegroup D: rated current                        | STR 40 / SOL 30 A |
| UL wire cross-section single-core (rigid) AWG, min. | 20                |
| UL wire cross-section single-core (rigid) AWG, max. | 10                |
| UL wire cross-section stranded AWG, min.            | 8                 |
| UL wire cross-section stranded AWG, max.            | 20                |
| UL wire material                                    | Cu                |
| UL factory wiring                                   | 1                 |
| UL field wiring                                     | 1                 |
| UL File Number                                      | E95701            |
| UL Recognized                                       | 1                 |

### Media



### Accessories

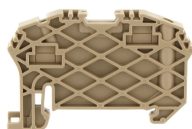
#### End plate



End plate, Width: 1.5 mm, Colour: Grey

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>27109.6</u> | PAP 6/2A GR  | 4044211224745 | 20             |

#### End stop



End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 6 mm, Colour: Beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3748.2</u>  | ZES 35 BG    | 4044211060572 | 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: 20, Mounting type: Plug in, Width: 159.4 mm, Colour: Red

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>27161.9</u> | PQI 6/20 RD  | 4044211225391 | 50             |

#### Screwdriver

Screwdriver with bare blade, Colour: Black-grey



| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1085.0</u>  | SDB 0,5x3,0  | 4044211014643 | 1 ST           |

### ##INVERSE##CONTA-CONNECT

End plate, Width: 1.5 mm, Colour: Grey



| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>27109.6</u> | PAP 6/2A GR  | 4044211224745 | 20             |