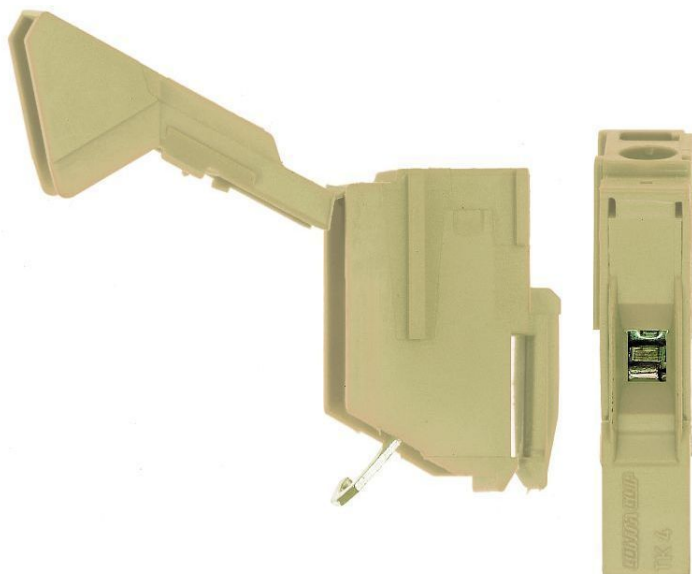


# Data sheet

## 1142.2 TK 4/2 BG



Transformer terminal, Screw connection, Mounting type: Custom profile, Rated cross-section: 4 mm<sup>2</sup>, Width: 7.5 mm, Colour: Beige

### Business data

|  |                      |
|--|----------------------|
| Article number                             | <u>1142.2</u>        |
| Article name                               | TK 4/2 BG            |
| GTIN (EAN)                                 | 4044211021214        |
| Packaging unit                             | 25                   |
| Quantity unit                              | PC                   |
| Weight per piece (not including packaging) | 8 g                  |
| Weight per piece (including packaging)     | 8.16 g               |
| Unit of weight                             | G                    |
| Customs number                             | 85369010             |
| Country of origin                          | CZ                   |
| Prio-Article                               | 1142.3               |
| Product description                        | Transformer terminal |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Length | 20.5 mm |
| Width  | 7.5 mm  |
| Height | 33.1 mm |

#### Ratings

|   |                   |
|---|-------------------|
| Rated voltage                                   | 800 V             |
| Rated current                                   | 32 A              |
| Rated cross-section                             | 4 mm <sup>2</sup> |
| Rated impulse voltage                           | 8 kV              |
| Overvoltage category                            | III               |
| Contamination degree                            | 3                 |
| Maximum power dissipation for nominal condition | 2.05 W            |

#### Connection data

|  |                     |
|--|---------------------|
| Connection principle                                     | Screw connection    |
| Connections  | 2                   |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.2 mm <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 6 mm <sup>2</sup>   |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 6 mm <sup>2</sup>   |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 4 mm <sup>2</sup>   |
| Wire cross-section AWG, min.                             | 22                  |
| Wire cross-section AWG, max.                             | 10                  |
| Stripping length   | 9 mm                |
| Screw head   | Slotted             |
| Screw threading  | M 3                 |
| Tightening torque, min.                                  | 0.5 Nm              |
| Tightening torque, max.                                  | 1 Nm                |

#### Materials

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

---

### Technical data

---

#### Further technical data

|                                |                |
|--------------------------------|----------------|
| Mounting type                  | Custom profile |
| Gauge plug acc. to EN 60 947-1 | A4             |

#### 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   | C22.2 No 158 |
| cUL Usegroup B: rated voltage                        | 600 V        |
| cUL Usegroup B: rated current                        | 30 A         |
| cUL Usegroup C: rated voltage                        | 600 V        |
| cUL Usegroup C: rated current                        | 30 A         |
| cUL wire cross-section single-core (rigid) AWG, min. | 22           |
| cUL wire cross-section single-core (rigid) AWG, max. | 10           |
| cUL wire cross-section stranded AWG, min.            | 22           |
| cUL wire cross-section stranded AWG, max.            | 10           |
| cUL torque   | 7 Nm         |
| cUL wire material                                    | Cu           |
| cUL Recognized                                       | 1            |

#### KEMA KEUR approval

|  |                     |
|--|---------------------|
| KEMA KEUR approval   | EN 60947-7-1:2009   |
| KEMA KEUR approval granted   | yes                 |
| KEMA rated voltage   | 800 V               |
| KEMA rated current   | 32 A                |
| KEMA rated impulse voltage (fuse holder without electrical components) | 8 kV                |
| KEMA wire cross-section single core (rigid), min.                      | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section single-core (rigid), max.                      | 6 mm <sup>2</sup>   |
| KEMA wire cross-section stranded, min.                                 | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.                                 | 6 mm <sup>2</sup>   |
| KEMA torque, min.  | 0.5 Nm              |
| KEMA torque, max.  | 1 Nm                |

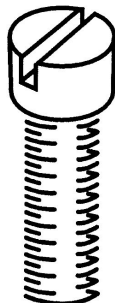
### Approvals

#### UL Recognized

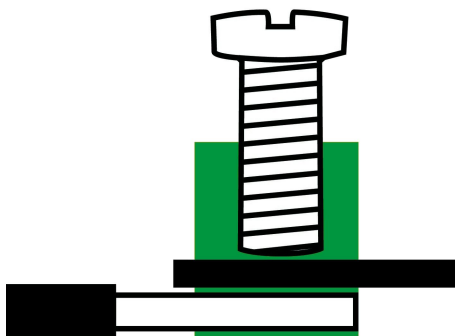
|   |          |
|---|----------|
| UL approval   | UL 1059  |
| UL Usegroup B: rated voltage                        | 600 V    |
| UL Usegroup B: rated current                        | 30 A     |
| UL Usegroup C: rated voltage                        | 600 V    |
| UL Usegroup C: rated current                        | 30 A     |
| UL wire cross-section single-core (rigid) AWG, min. | 22       |
| UL wire cross-section single-core (rigid) AWG, max. | 10       |
| UL wire cross-section stranded AWG, min.            | 22       |
| UL wire cross-section stranded AWG, max.            | 10       |
| UL torque, max.                                     | 7 Lb In. |
| UL wire material                                    | Cu       |
| UL factory wiring                                   | 1        |
| UL field wiring                                     | 1        |
| UL Recognized                                       | 1        |

Media

**M3**



**EAC**



**C  US**

### Accessories

#### Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 7.5 mm, Colour: White

| Article number | Article name     | GTIN (EAN)    | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>9326.7</u>  | PMC SB 7,5/40 WH | 4044211157784 | 400 ST         |



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 7.5 mm, Colour: White

| Article number | Article name        | GTIN (EAN)    | Packaging unit |
|----------------|---------------------|---------------|----------------|
| <u>3327.7</u>  | PMC SB 7,5/40 So WH | 4044211128845 | 400 ST         |

#### Screwdriver

Screwdriver with bare blade, Colour: Black-grey



| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1086.0</u>  | SDB 0,6x3,5  | 4044211014797 | 1 ST           |