



Transformer terminal, Screw connection, Mounting type: Custom profile, Rated cross-section: 4 mm², Width: 7.5 mm, Colour: Beige

Business data

|  |                      |
|--|----------------------|
| Article number                             | 1144.2               |
| Article name                               | TK 4/4 BG            |
| GTIN (EAN)                                 | 4044211021467        |
| Packaging unit                             | 15                   |
| Quantity unit                              | PC                   |
| Weight per piece (not including packaging) | 15.8 g               |
| Weight per piece (including packaging)     | 16.08 g              |
| Unit of weight                             | G                    |
| Customs number                             | 85369010             |
| Country of origin                          | CZ                   |
| Prio-Article                               | 1144.3               |
| Product description                        | Transformer terminal |

# Data sheet

## 1144.2 TK 4/4 BG

### 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 | 4.1 W             |

#### Connection data

|  |                     |
|--|---------------------|
| Connection principle                                     | Screw connection    |
| Connections  | 4                   |
| 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        |

# Data sheet

## 1144.2 TK 4/4 BG



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### Technical data

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#### Further technical data

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

#### Environmental Product Compliance

|                                |    |
|--------------------------------|----|
| REACH Candidate Substance Note | No |
|--------------------------------|----|

### 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 |
|-------------------|--------|

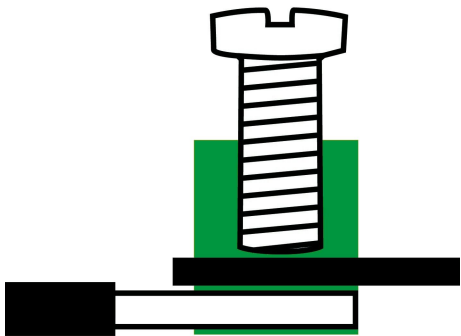
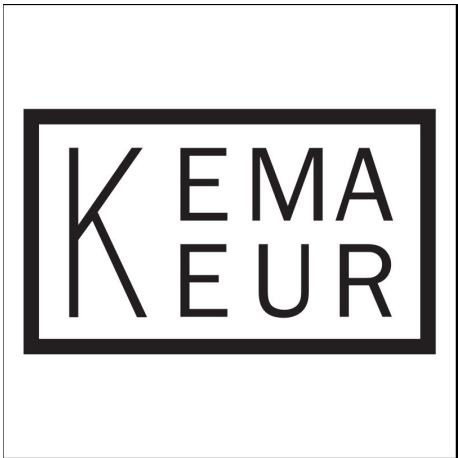
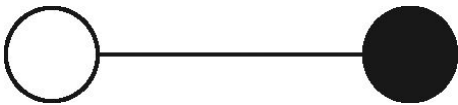
|                   |      |
|-------------------|------|
| KEMA torque, max. | 1 Nm |
|-------------------|------|

**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



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           |