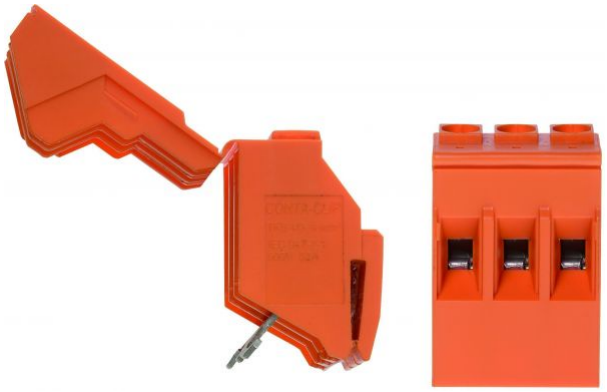
# Datasheet

## 1224.3
## TKS 4/3 OG
## TKS 4/3 OG



Transformer terminal, Screw connection, Mounting type: Custom profile, Rated cross-section: 4 mm², Width: 22.5 mm, Colour: Orange

### Business data

| | |
|---|---|
| Product description | Transformer terminal |
| Packaging unit | 20 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 11.4 |
| Weight per piece (including packaging) | 11.8 |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |

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### Technical Data

| Dimensions | |
|---|---|
| Length | 20.5 mm |
| Width | 22.5 mm |
| Height | 33.1 mm |

| Ratings | |
|---|---|
| Rated voltage | 800 V |
| Rated current | 32 A |
| Rated cross-section | 4 mm² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

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### Technical Data

#### Connection data

| | |
|---|---|
| Connection principle | Screw connection |
| Connections | 3 |
| Wire cross-section single-core (rigid) / stranded, min. | 0.2 mm² |
| Wire cross-section single core (rigid)/stranded, max. | 6 mm² |
| Wire cross-section stranded, min. | 0.2 mm² |
| Wire cross-section stranded, max. | 6 mm² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm² |
| Wire cross-section stranded with wire-end ferrules, max. | 4 mm² |
| 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 |

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### Technical Data

#### Materials

| | |
|---|---|
| Working temperature, min. | -40 °C |
| Working temperature, max. | 120 °C |

#### Further technical data

| | |
|---|---|
| Mounting type | Custom profile |
| Gauge plug acc. to EN 60 947-1 | A4 |
| Number of test pick-off options | 3 |

## Approvals

### Standards and regulations

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

### CSA approval

| | |
|---|---|
| CSA approval | C22.2 No 158 |
| CSA approval granted | ✓ |
| CSA Usegroup B: rated voltage | 600 V |
| CSA Usegroup B: rated current | 27 A |
| CSA Usegroup C: rated voltage | 600 V |
| CSA Usegroup C: rated current | 27 A |
| CSA wire cross-section AWG, min. | 22 |
| CSA wire cross-section AWG, max. | 10 |
| CSA torque, max. | 1 Nm |
| CSA torque, min. | 0.5 Nm |

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## Approvals

### CSAus approval

| | |
|---|---|
| CSAus approval | UL 1059 |
| CSAus approval granted | ✓ |
| CSAus Usegroup B: rated voltage | 600 V |
| CSAus Usegroup B: rated current | 27 A |
| CSAus Usegroup C: rated voltage | 600 V |
| CSAus Usegroup C: rated current | 27 A |
| CSAus wire cross-section AWG, min. | 22 |
| CSAus wire cross-section AWG, max. | 10 |
| CSAus torque, min. | 0.5 Nm |
| CSAus torque, max. | 1 Nm |

## Approvals

### KEMA KEUR approval

| | |
|---|---|
| KEMA KEUR approval | EN 60947-7-1 |
| KEMA KEUR approval granted | ✓ |
| 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 mm² |
| KEMA wire cross-section single-core (rigid), max. | 6 mm² |
| KEMA wire cross-section stranded, min. | 0.2 mm² |
| KEMA wire cross-section stranded, max. | 6 mm² |
| KEMA torque, min. | 0.5 Nm |
| KEMA torque, max. | 1 Nm |

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### Approvals

**UL Recognized**

| | |
|---|---|
| UL Recognized | UL 1059 |
| UL Recognized granted | ✓ |
| UL Usegroup B: rated voltage | 600 V |
| UL Usegroup B: rated current | 27 A |
| UL Usegroup C: rated voltage | 600 V |
| UL Usegroup C: rated current | 27 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, min. | 4.4 Lb In. |
| UL torque, max. | 8.85 Lb In. |
| UL wire material | Cu |
| UL factory wiring | ✓ |
| UL field wiring | ✓ |

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### Media
















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### Media



# Datasheet

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### Accessories

#### Quick-marking



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

**In general**

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3327.7 | PMC SB 7,5/40 So WH | 4044211128845 | 400 PC |



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

**In general**

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 9326.7 | PMC SB 7,5/40 WH | 4044211157784 | 400 PC |

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### Accessories

#### Screw driver




Screwdriver with bare blade, Colour: Black-grey

#### In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 1086.0 | SDB 0,6x3,5 | 4044211014797 | 1 PC |