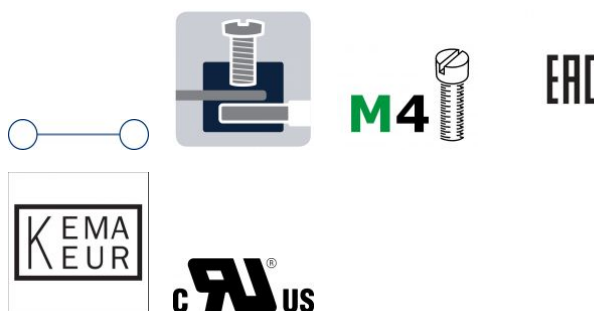
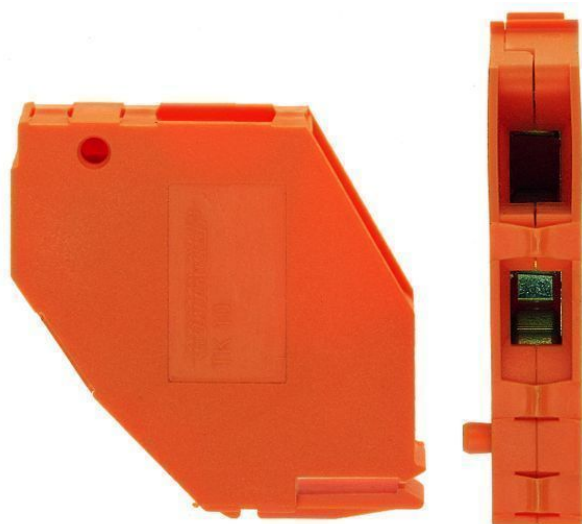


1161.3

TK 10/ZP OG

TK 10/ZP OG



Transformer terminal, Screw connection, Mounting type: Custom profile, Rated cross-section: 4 mm<sup>2</sup>, Width: 15 mm, Colour: Orange

## Business data

|                                            |                      |
|--------------------------------------------|----------------------|
| Product description                        | Transformer terminal |
| Packaging unit                             | 50                   |
| Quantity unit                              | PC                   |
| Weight per piece (not including packaging) | 19.16                |
| Weight per piece (including packaging)     | 19.3                 |
| Unit of weight                             | G                    |
| Customs number                             | 85369010             |
| Country of origin                          | DE                   |

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TK 10/ZP OG

TK 10/ZP OG

## Technical Data

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### Dimensions

|        |         |
|--------|---------|
| Length | 40.5 mm |
| Width  | 15 mm   |
| Height | 41 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                 |

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TK 10/ZP OG

TK 10/ZP OG

## Technical Data

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### 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.    | 10 mm <sup>2</sup>  |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 10 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. | 10 mm <sup>2</sup>  |
| Wire cross-section AWG, min.                             | 22                  |
| Wire cross-section AWG, max.                             | 10                  |
| Stripping length                                         | 12 mm               |
| Screw head                                               | Slotted             |
| Screw threading                                          | M 4                 |
| Tightening torque, min.                                  | 1.2 Nm              |
| Tightening torque, max.                                  | 2 Nm                |

### Materials

|                          |               |
|--------------------------|---------------|
| Insulation housing       | Polyamide 6.6 |
| Flammability class UL 94 | V-0           |

**1161.3**

**TK 10/ZP OG**

**TK 10/ZP OG**

## Technical Data

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### Materials

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

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

### Further technical data

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|               |                |
|---------------|----------------|
| Mounting type | Custom profile |
|---------------|----------------|

|                                |    |
|--------------------------------|----|
| Gauge plug acc. to EN 60 947-1 | A5 |
|--------------------------------|----|

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TK 10/ZP OG

TK 10/ZP OG

## Approvals

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### Standards and regulations

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

### cUL Recognized

|                                                      |              |
|------------------------------------------------------|--------------|
| cUL Recognized                                       | C22.2 No 158 |
| cUL Recognized                                       | ✓            |
| cUL Usegroup B: rated voltage                        | 600 V        |
| cUL Usegroup B: rated current                        | 65 A         |
| cUL Usegroup C: rated voltage                        | 600 V        |
| cUL Usegroup C: rated current                        | 65 A         |
| cUL wire cross-section single-core (rigid) AWG, min. | 22           |
| cUL wire cross-section single-core (rigid) AWG, max. | 6            |
| cUL wire cross-section stranded AWG, min.            | 22           |
| cUL wire cross-section stranded AWG, max.            | 6            |
| cUL torque                                           | 12 Nm        |
| cUL wire material                                    | Cu           |

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TK 10/ZP OG

TK 10/ZP OG

## Approvals

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### KEMA KEUR approval

|                                                                        |                     |
|------------------------------------------------------------------------|---------------------|
| KEMA KEUR approval                                                     | EN 60947-7-1        |
| KEMA KEUR approval granted                                             | ✓                   |
| KEMA rated voltage                                                     | 800 V               |
| KEMA rated current                                                     | 57 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.                      | 10 mm <sup>2</sup>  |
| KEMA wire cross-section stranded, min.                                 | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.                                 | 10 mm <sup>2</sup>  |
| KEMA torque, min.                                                      | 1.2 Nm              |
| KEMA torque, max.                                                      | 2 Nm                |

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**TK 10/ZP OG**

**TK 10/ZP OG**

## Approvals

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### UL Recognized

|                                                     |           |
|-----------------------------------------------------|-----------|
| UL Recognized                                       | UL 1059   |
| UL Recognized granted                               | ✓         |
| UL Usegroup B: rated voltage                        | 600 V     |
| UL Usegroup B: rated current                        | 65 A      |
| UL Usegroup C: rated voltage                        | 600 V     |
| UL Usegroup C: rated current                        | 65 A      |
| UL wire cross-section single-core (rigid) AWG, min. | 22        |
| UL wire cross-section single-core (rigid) AWG, max. | 6         |
| UL wire cross-section stranded AWG, min.            | 22        |
| UL wire cross-section stranded AWG, max.            | 6         |
| UL torque, max.                                     | 12 Lb In. |
| UL wire material                                    | Cu        |
| UL factory wiring                                   | ✓         |
| UL field wiring                                     | ✓         |

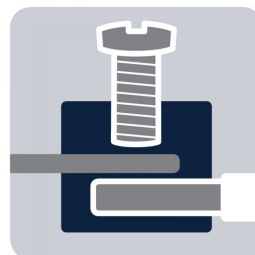
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TK 10/ZP OG

TK 10/ZP OG

## Media

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EAC





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TK 10/ZP OG

## Accessories

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## Quick-marking

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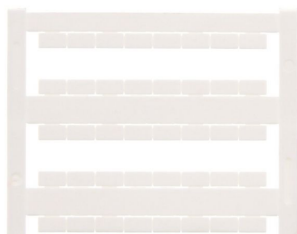


Terminal marker / Pocket Maxicard, Length: 5 mm,  
Width: 7.5 mm, Colour: White

## In general

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

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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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TK 10/ZP OG  
TK 10/ZP OG

## Accessories

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### Screw driver

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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           |