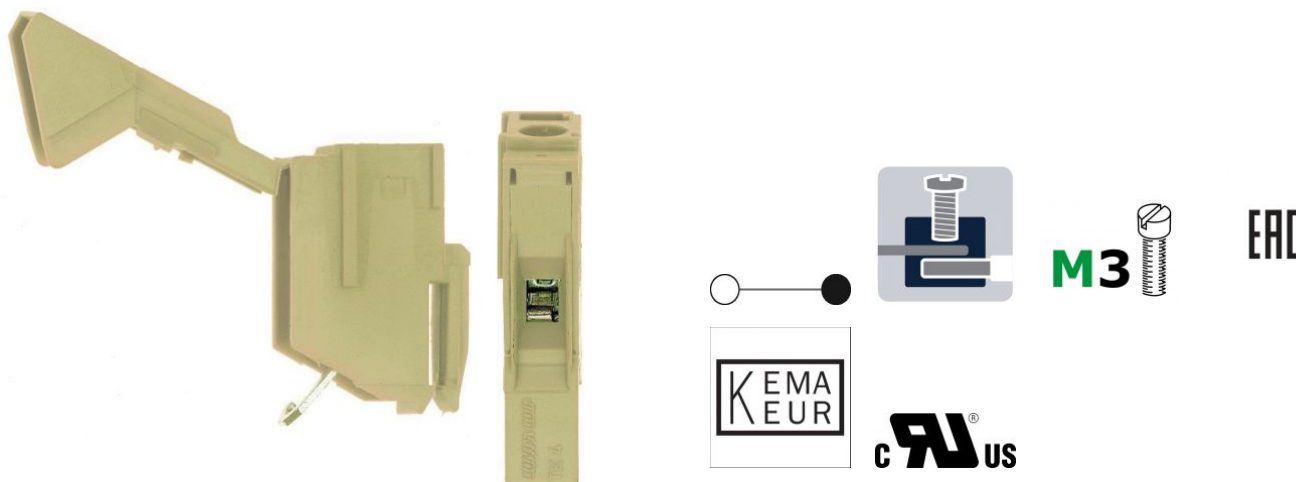


1145.2  
TK 4/5 BG  
TK 4/5 BG



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

## Business data

|  |                      |
|--|----------------------|
| Product description                        | Transformer terminal |
| Packaging unit                             | 10                   |
| Quantity unit                              | PC                   |
| Weight per piece (not including packaging) | 19.8                 |
| Weight per piece (including packaging)     | 20.22                |
| Unit of weight                             | G                    |
| Customs number                             | 85369010             |
| Country of origin                          | DE                   |

**1145.2**  
**TK 4/5 BG**  
**TK 4/5 BG**

## Technical Data

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### Dimensions

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|        |         |
|--------|---------|
| 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                 |

## 1145.2 TK 4/5 BG TK 4/5 BG

### Technical Data

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#### Connection data

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|  |                     |
|--|---------------------|
| Connection principle                                     | Screw connection    |
| Connections  | 5                   |
| 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

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

**1145.2**

**TK 4/5 BG**

**TK 4/5 BG**

## 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 | A4 |
|--------------------------------|----|

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## 1145.2 TK 4/5 BG TK 4/5 BG

### Approvals

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#### Standards and regulations

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

#### cUL Recognized

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|  |              |
|--|--------------|
| cUL Recognized                                       | C22.2 No 158 |
| cUL Recognized                                       | ✓            |
| 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           |

## 1145.2 TK 4/5 BG TK 4/5 BG

### 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   | 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                |

**1145.2**  
**TK 4/5 BG**  
**TK 4/5 BG**

## Approvals

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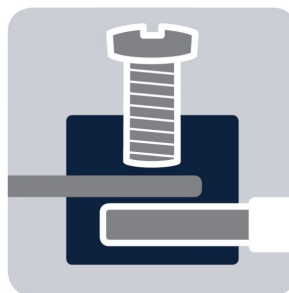
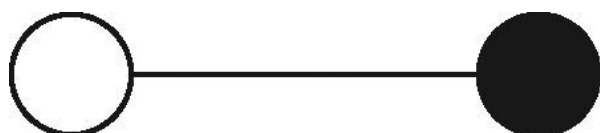
### UL Recognized

|   |          |
|---|----------|
| UL Recognized                                       | UL 1059  |
| UL Recognized granted                               | ✓        |
| UL Usegroup B: rated voltage                        | 600 V    |
| UL Usegroup B: rated current                        | 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                                   | ✓        |
| UL field wiring                                     | ✓        |

1145.2  
TK 4/5 BG  
TK 4/5 BG

## Media

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**M3**



**EAC**





**1145.2**  
**TK 4/5 BG**  
**TK 4/5 BG**

## Accessories

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## Quick-marking

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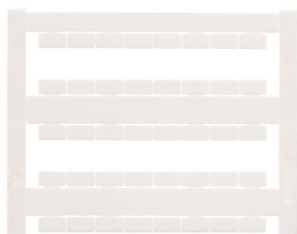


Terminal marker / Pocket Maxicard, Length: 5 mm,  
Width: 7.5 mm, Colour: White

## 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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**1145.2**  
**TK 4/5 BG**  
**TK 4/5 BG**

## 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           |

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