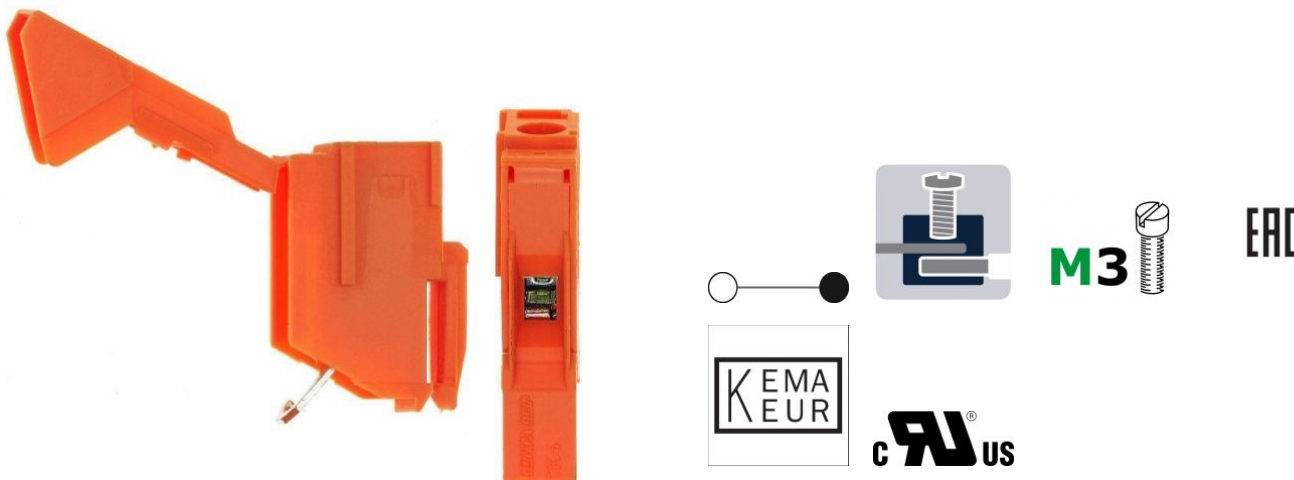


1145.3

TK 4/5 OG

TK 4/5 OG



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

## 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

**1145.3**  
**TK 4/5 OG**  
**TK 4/5 OG**

## 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

## 1145.3 TK 4/5 OG TK 4/5 OG

### Technical Data

---

#### Connection data

---

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

---

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0

1145.3

TK 4/5 OG

TK 4/5 OG

## 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
--------------------------------	----

---

1145.3

TK 4/5 OG

TK 4/5 OG

## Approvals

---

### 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	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
-------------------	----

**1145.3**  
**TK 4/5 OG**  
**TK 4/5 OG**

## 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 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

**1145.3**  
**TK 4/5 OG**  
**TK 4/5 OG**

## Approvals

---

### 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	✓

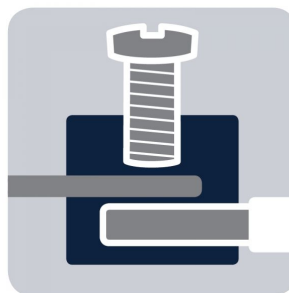
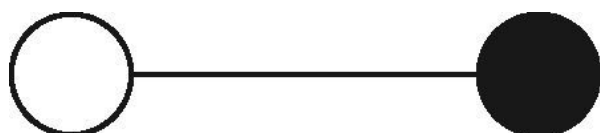
1145.3

TK 4/5 OG

TK 4/5 OG

## Media

---



**M3**



**EAC**





**1145.3**  
**TK 4/5 OG**  
**TK 4/5 OG**

## Accessories

---

## Quick-marking

---

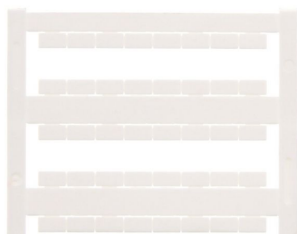


Terminal marker / Pocket Maxicard, Length: 5 mm,  
Width: 7.5 mm, Colour: White

### 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

---

**1145.3**  
**TK 4/5 OG**  
**TK 4/5 OG**

## 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

---