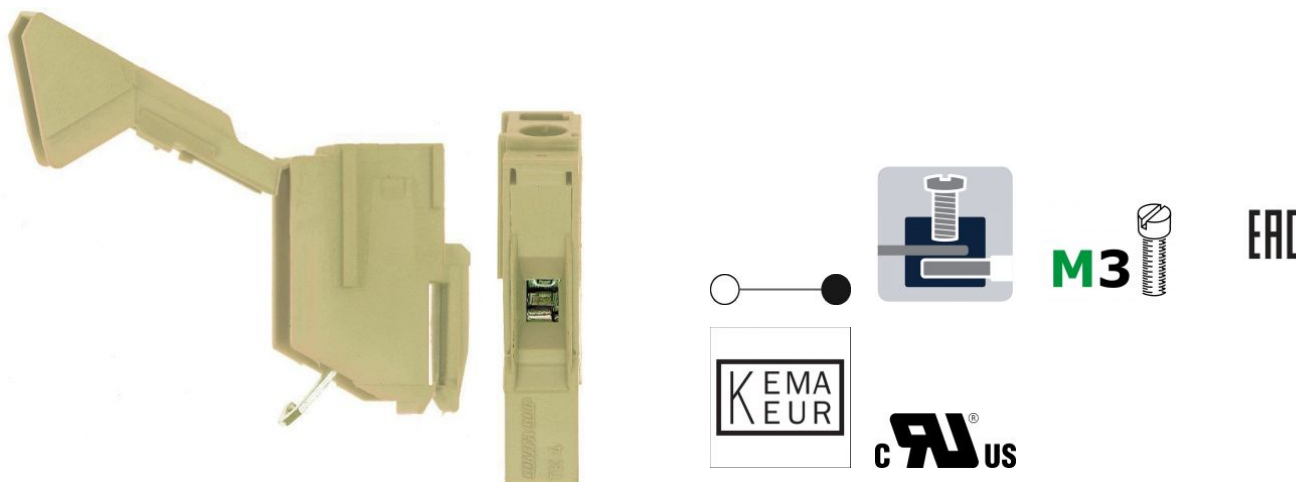


1142.2  
TK 4/2 BG  
TK 4/2 BG



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	25
Quantity unit	PC
Weight per piece (not including packaging)	8
Weight per piece (including packaging)	8.16
Unit of weight	G
Customs number	85369010
Country of origin	DE

**1142.2**  
**TK 4/2 BG**  
**TK 4/2 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

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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

## 1142.2 TK 4/2 BG TK 4/2 BG

### Technical Data

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#### Connection data

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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.	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

1142.2

TK 4/2 BG

TK 4/2 BG

## Technical Data

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### Materials

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Working temperature, min.	-40 °C
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Working temperature, max.	120 °C
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### Further technical data

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Mounting type	Custom profile
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Gauge plug acc. to EN 60 947-1	A4
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## 1142.2 TK 4/2 BG TK 4/2 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

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**TK 4/2 BG**  
**TK 4/2 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

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**TK 4/2 BG**  
**TK 4/2 BG**

## Approvals

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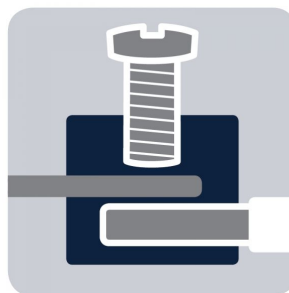
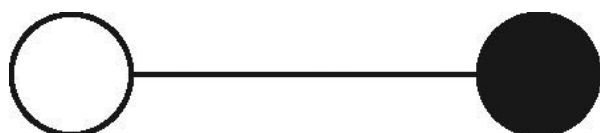
### UL Recognized

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	✓

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TK 4/2 BG

## Media

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**M3**



**EAC**





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**TK 4/2 BG**

## Accessories

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## Quick-marking

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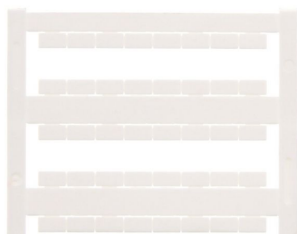


Terminal marker / Pocket Maxicard, Length: 5 mm,  
Width: 7.5 mm, Colour: White

## 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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1142.2  
TK 4/2 BG  
TK 4/2 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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