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TKS 4/SI 6,3x32 OG

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Transformer-fused terminal, Screw connection, Mounting type: Custom profile, Rated cross-section: 4 mm², Width: 12.5 mm, Colour: Orange

Business data

Product description	Transformer-fused terminal
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	12.2
Weight per piece (including packaging)	12.6
Unit of weight	G
Customs number	85369010
Country of origin	DE

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Technical Data

Dimensions

Length	28.3 mm
Width	12.5 mm
Height	43.9 mm

Ratings

Rated voltage	500 V
Rated current	32 A
Rated cross-section	4 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

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Technical Data

Connection data

Connection principle	Screw connection
Connections	1
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm ²
Wire cross-section single core (rigid)/stranded, max.	6 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	6 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	4 mm ²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	10
Stripping length	8 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
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Working temperature, max.	120 °C
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Further technical data

Mounting type	Custom profile
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Fuse size	6,3 x 32 mm
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Gauge plug acc. to EN 60 947-1	A4
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Voltage fuse	250 V
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Power loss in singular arrangement - overload and short-circuit protection, max.	2,5 / 2,5 W / A
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Power loss in compound arrangement - overload and short-circuit protection, max.	2,5 / 2,5 W / A
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Power loss in singular arrangement - only short-circuit protection, max.	4 / 10 W / A
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Power loss in compound arrangement - only short-circuit protection, max.	2,5 / 2,5 W / A
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Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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CSA approval

CSA approval	C22.2 No 158
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CSA approval granted	✓
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CSA Usegroup B: rated voltage	600 (300) V
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CSA Usegroup B: rated current	10 A
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CSA Usegroup C: rated voltage	600 (300) V
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CSA Usegroup C: rated current	10 A
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CSA wire cross-section AWG, min.	22
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CSA wire cross-section AWG, max.	10
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CSA torque, max.	1 Nm
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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 (300) V
CSAus Usegroup B: rated current	10 A
CSAus Usegroup C: rated voltage	600 (300) V
CSAus Usegroup C: rated current	10 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

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Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-3
KEMA KEUR approval granted	✓
KEMA rated voltage	500 V
KEMA voltage fuse, max.	250 V
KEMA rated current	10 A
KEMA rated impulse voltage (fuse holder without electrical components)	8 (4) kV
KEMA wire cross-section single core (rigid), min.	0.2 mm ²
KEMA wire cross-section single-core (rigid), max.	6 mm ²
KEMA wire cross-section stranded, min.	0.2 mm ²
KEMA wire cross-section stranded, max.	6 mm ²
KEMA torque, min.	0.5 Nm
KEMA torque, max.	1 Nm
KEMA fuse size	6,3 x 32 mm
KEMA power loss in singular arrangement - overload and short-circuit protection, max.	2,5 / 2,5 W / A
KEMA power loss in compound arrangement - overload and short-circuit protection, max.	2,5 / 2,5 W / A
KEMA power loss in singular arrangement - only short-circuit protection, max.	4 / 10 W / A
KEMA power loss in compound arrangement - only short-circuit protection, max.	2,5 / 2,5 W / A

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Approvals

UL Recognized

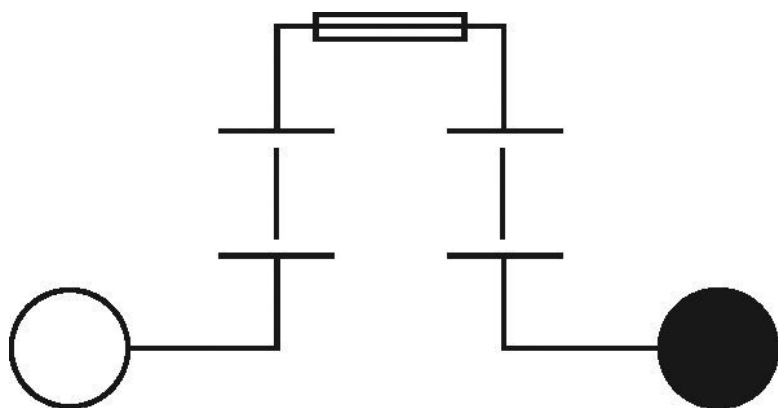
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	30 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	30 A
UL wire cross-section single-core (rigid) AWG, min.	24
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	24
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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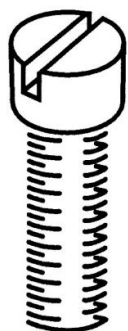
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Media



M3



EAC



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Accessories

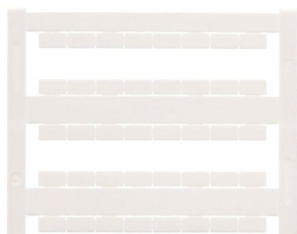
Quick-marking



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
