

Data sheet

1224.6 TKS 4/3 GR



Transformer terminal, Screw connection, Mounting type: Custom profile, Rated cross-section: 4 mm², Width: 22.5 mm, Colour: Grey

RAL: 7030

Business data

Article number	1224.6
Article name	TKS 4/3 GR
GTIN (EAN)	4044211139285
Packaging unit	20
Quantity unit	PC
Weight per piece (not including packaging)	11.4 g
Weight per piece (including packaging)	11.8 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1224.3
Product description	Transformer terminal

Technical data

Dimensions

Length	20.5 mm
Width	22.5 mm
Height	33.1 mm

Ratings

Rated voltage	800 V
Rated current	32 A
Rated cross-section	4 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	3.07 W

Connection data

Connection principle	Screw connection
Connections	3
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	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
Working temperature, min.	-40 °C
Working temperature, max.	120 °C

Data sheet

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Technical data

Further technical data

Mounting type	Custom profile
Gauge plug acc. to EN 60 947-1	A4
Number of test pick-off options	3

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-01-07, 2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

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

CSA approval	C22.2 No 158
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CSA approval granted	yes
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CSA Usegroup B: rated voltage	600 V
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CSA Usegroup B: rated current	27 A
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CSA Usegroup C: rated voltage	600 V
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CSA Usegroup C: rated current	27 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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CSAus approval

CSAus approval	UL 1059
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CSAus approval granted	yes
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CSAus Usegroup B: rated voltage	600 V
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CSAus Usegroup B: rated current	27 A
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CSAus Usegroup C: rated voltage	600 V
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CSAus Usegroup C: rated current	27 A
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CSAus wire cross-section AWG, min.	22
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CSAus wire cross-section AWG, max.	10
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CSAus torque, min.	0.5 Nm
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CSAus torque, max.	1 Nm
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Approvals

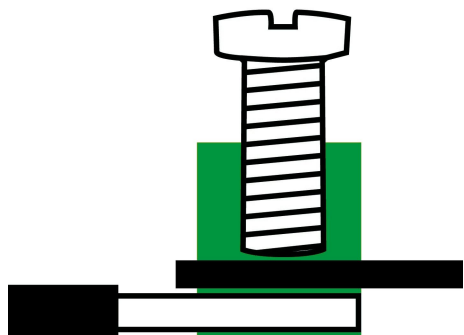
KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
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 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

UL Recognized

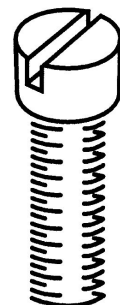
UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	27 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	27 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	10
UL torque, min.	4.4 Lb In.
UL torque, max.	8.85 Lb In.
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

Media



EAC

M3



Accessories

Quick marking



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>9326.7</u>	PMC SB 7,5/40 WH	4044211157784	400 ST



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3327.7</u>	PMC SB 7,5/40 So WH	4044211128845	400 ST

Screwdriver



Screwdriver with bare blade, Colour: Black-grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>1086.0</u>	SDB 0,6x3,5	4044211014797	1 ST