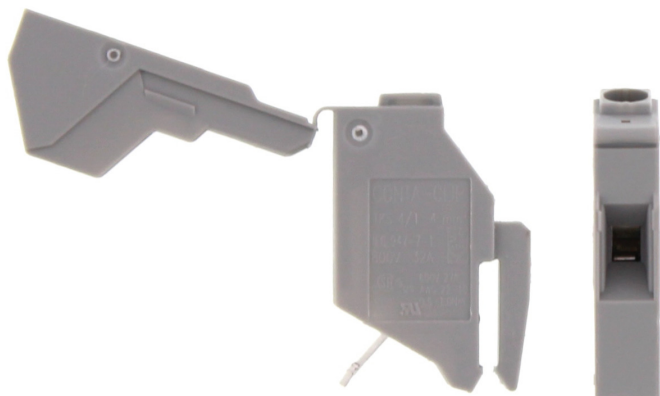


# Data sheet

## 1222.6 TKS 4/1 GR



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

**RAL:** 7032

### Business data

Article number	<u>1222.6</u>
Article name	TKS 4/1 GR
GTIN (EAN)	4044211139230
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	4 g
Weight per piece (including packaging)	4.4 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1222.3
Product description	Transformer terminal

### 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
Maximum power dissipation for nominal condition	1.02 W

#### Connection data

Connection principle	Screw connection
Connections	1
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
Working temperature, min.	-40 °C
Working temperature, max.	120 °C

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### Technical data

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#### Further technical data

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

#### Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14, 2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

# Data sheet

## 1222.6 TKS 4/1 GR

### 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

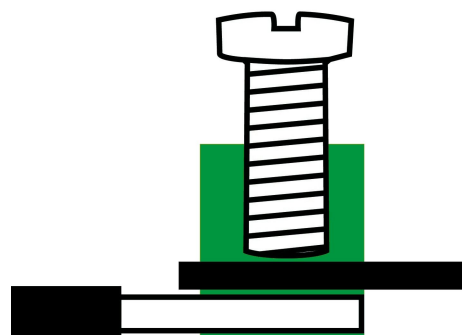
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	800 V
KEMA rated current	32 A
KEMA rated impulse voltage (fuse holder without electrical components)	8 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), 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

#### 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 File Number	E95701
UL Recognized	1

### Media

**M3**



**EAC**

### 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