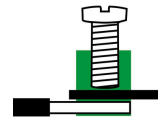
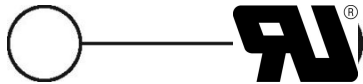
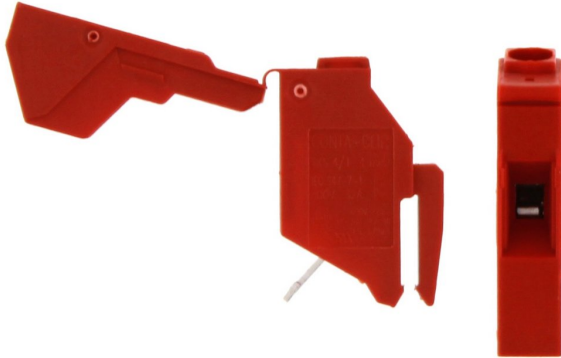


# TKS 4/1 RD

1222.9



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

## Commercial

### General

Colour: Red

Country of origin: DE

Customs number: 85369010

Packaging unit: 50

Product description: Transformer terminal

Quantity unit: PC

Unit of weight: G

Weight per piece (including packaging): 4.4g

Weight per piece (not including packaging): 4g

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## Technical

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### Dimensions

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Height: 33.1mm

Length: 20.5mm

Width: 7.5mm

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### Ratings

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Contamination degree: 3

Maximum power dissipation for nominal condition: 1.02W

Overvoltage category: III

Rated cross-section: 4mm<sup>2</sup>

Rated current: 32A

Rated impulse voltage: 8kV

Rated voltage: 800V

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### Connection data

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Connection principle: Screw connection

Connections: 1

Screw head: Slotted

Screw threading: M 3

Stripping length: 9mm

Tightening torque, max.: 1Nm

Tightening torque, min.: 0.5Nm

Wire cross-section AWG, max.: 10

Wire cross-section AWG, min.: 22

Wire cross-section single core (rigid)/stranded, max.: 6mm<sup>2</sup>

Wire cross-section single-core (rigid) / stranded, min.: 0.2mm<sup>2</sup>

Wire cross-section stranded with wire-end ferrules, max.: 4mm<sup>2</sup>

Wire cross-section stranded with wire-end ferrules, min.: 0.2mm<sup>2</sup>

Wire cross-section stranded, max.: 6mm<sup>2</sup>

Wire cross-section stranded, min.: 0.2mm<sup>2</sup>

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### Further technical data

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Gauge plug acc. to EN 60 947-1: A4

Mounting type: Custom profile

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Number of test pick-off options: 1

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## Materials

Flammability class UL 94: V-0

Insulation housing: Polyamide 6.6

Working temperature, max.: 120°C

Working temperature, min.: -40°C

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## Approvals

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### Standards and regulations

EAC approval: TR ZU 004/2011

EAC approval granted:

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### KEMA KEUR approval

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

KEMA KEUR approval granted:

KEMA rated current: 32A

KEMA rated impulse voltage (fuse holder without electrical components): 8kV

KEMA rated voltage: 800V

KEMA torque, max.: 1Nm

KEMA torque, min.: 0.5Nm

KEMA wire cross-section single core (rigid), min.: 0.2mm<sup>2</sup>

KEMA wire cross-section single-core (rigid), max.: 6mm<sup>2</sup>

KEMA wire cross-section stranded, max.: 6mm<sup>2</sup>

KEMA wire cross-section stranded, min.: 0.2mm<sup>2</sup>

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### UL Recognized

UL File Number: E95701

UL Recognized: 1

UL Usegroup B: rated current: 27A

UL Usegroup B: rated voltage: 600V

UL Usegroup C: rated current: 27A

UL Usegroup C: rated voltage: 600V

UL approval: UL 1059

UL factory wiring:

UL field wiring:

UL torque, max.: 8.85Lb In.

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UL torque, min.: 4.4Lb In.

UL wire cross-section single-core (rigid) AWG, max.: 10

UL wire cross-section single-core (rigid) AWG, min.: 22

UL wire cross-section stranded AWG, max.: 10

UL wire cross-section stranded AWG, min.: 22

UL wire material: Cu

## Environment

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### Environmental Product Compliance

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REACH Candidate Substance Note: No

REACH Conform: Yes

REACH Reference date: 2024-06-27

RoHS Conform: Yes

## Accessories

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### Quick marking

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**PMC SB 7,5/40 WH**

9326.7

### Markers

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**PMC SB 7,5/40 So WH**

3327.7

## Screwdriver

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**SDB 0,6x3,5**

1086.0

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