

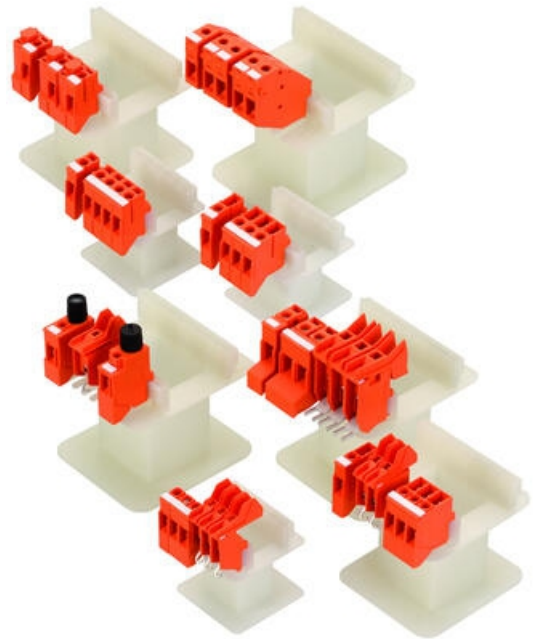
## TKS TRANSFORMER TERMINALS

### TKS

1222.3

TKS 4/1 Orange, 4mm<sup>2</sup>, 1-pole terminal

- Compact 4, 10 and 16mm connections
- Screw and Faston Versions (2.8/6.3mm)
- Touch safe VBG 4 compliant
- Polyamide 6.6 UL 94-V0



### PRODUCT DESCRIPTION

The TKS range is unique, as the cover can be clipped back to the top of the terminal, so helps prevent accidental melting of the cover when soldering the wire to the hook.

All transformer terminals feature the proven clamping yoke system which guarantees a vibration-resistant connection. Touch safety in compliance with VBG 4 is ensured because of the closed housing design (polyamide PA 6.6 UL 94-V0).

The range includes 1, 2 & 3 pole variants that are a single mould, so are more rigid when fitted to the bobbin.

The TKS4 are suitable for cables up to 4mm<sup>2</sup> cables, TKS10 for 10mm<sup>2</sup> and the TKS16 for 16mm<sup>2</sup>. The standard colours are orange and grey, but other colours are available on request.

There is also a range of matching 4mm fuse terminals that can be selected depending on fuse type and size required.

The PMC SB 7,5 quick marking system is used for labelling the transformer terminals. A large range of pre-marked markers are held in stock.

The previous TK range is still available and can be clipped together using the dove tail moulding, allowing a custom number of poles in one strip.

## TECHNICAL DATA

### GENERAL DATA

<b>Rated impulse voltage</b>	8 kV
<b>Colour</b>	Orange
<b>Rated wire cross section</b>	4 mm <sup>2</sup>
<b>Rated voltage IEC</b>	800 V
<b>Mounting</b>	Transformer bobbins

Contamination degree	3
Rated current IEC	32 A
Approvals	UL, CSA, CSA US, KEMA KUR, EAC
Overvoltage category	III

## DIMENSIONS

Length	20,5 mm
Width	7,5 mm
Height	33,1 mm

## CONNECTION DATA

Cross section stranded wire to	6 mm <sup>2</sup>
Cross section single wire from	0,2 mm <sup>2</sup>
Torque max	1 Nm
Connections	1
Cross section stranded wire from	0,2 mm <sup>2</sup>
Torque min	0,5 Nm
Rated wire cross section to (AWG)	10
Rated wire cross section from (AWG)	22
Cross section stranded with ferrule from	0,2 mm <sup>2</sup>
Screw size	M 3
Screw type	Slotted
Cross section stranded with ferrule to	4 mm <sup>2</sup>
Stripping length	9 mm
Cross section single wire to	6 mm <sup>2</sup>
Number of test pick off options	1
Plug gauge acc. EN 60 947-1	A4

## MATERIALS

Flammability class	UL94-V0
Operating temperature from	-40 °C
Operating temperature to	120 °C
Insulation material	Polyamide 6.6

## APPROVALS

UL test standard	UL 1059
------------------	---------

<b>Rated current CSAus</b>	27 A
<b>Rated voltage CSAus</b>	600 V
<b>Rated current UL</b>	27 A
<b>Rated voltage UL</b>	600 V
<b>CSA test standard</b>	C22.2 No 158
<b>KEMA KEUR test standard</b>	EN 60947-7-1:2009
<b>CSAus test standard</b>	UL 1059
<b>Rated current CSA</b>	27 A
<b>Rated voltage CSA</b>	600 V
<b>EAC test standard</b>	TR ZU 004/2011

## ADDITIONAL DATA

<b>Pack size</b>	50
<b>Country of origin</b>	DE
<b>Tariff code</b>	85369010
<b>Weight</b>	4 g

