

## TKS TRANSFORMER TERMINALS

### TKS

1222.8

TKS 4/1 Yellow/Green, 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 makers 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

Rated wire cross section	4 mm <sup>2</sup>
Colour	Green/yellow
Rated voltage IEC	800 V
Rated current IEC	32 A
Mounting	Transformer bobbins

Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Approvals	UL, CSA, CSA US, KEMA KUR, EAC

## DIMENSIONS

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

## CONNECTION DATA

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

## MATERIALS

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

## APPROVALS

Rated voltage UL	600 V
Rated current UL	27 A

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

**ADDITIONAL DATA**

Tariff code	85369010
Country of origin	DE
Weight	4 g
Pack size	50

