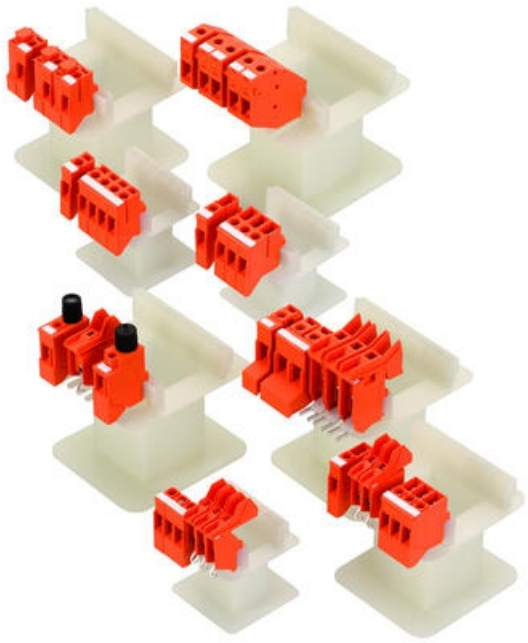
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TKS TRANSFORMER TERMINALS

TKS

17193.3
TKS 16/2 Orange, 16mm², 2 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 4mm² cables, TKS10 for 10mm² and the TKS16 for 16mm². 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	16 mm²
Colour	Orange
Rated voltage IEC	800 V
Rated current IEC	76 A
Mounting	Transformer bobbins

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

DIMENSIONS

Length	44.4 mm
Width	26.25 mm
Height	48.1 mm

CONNECTION DATA

Connections	2
Plug gauge acc. EN 60 947-1	A7
Number of test pick off options	2
Cross section single wire from	1.5 mm²
Cross section single wire to	25 mm²
Cross section stranded wire from	1 mm²
Cross section stranded wire to	16 mm²
Cross section stranded with ferrule from	1 mm²
Cross section stranded with ferrule to	16 mm²
Rated wire cross section from (AWG)	18
Rated wire cross section to (AWG)	6
Stripping length	14 mm
Screw size	M 5
Screw type	Slotted
Torque min	2
Torque max	4

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	85 A

UL test standard	UL 1059
Rated voltage CSA	600 V
Rated current CSA	85 A
CSA test standard	C22.2 No 158
Rated voltage CSAus	600 V
Rated current CSAus	76 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	22 g
Pack size	25

