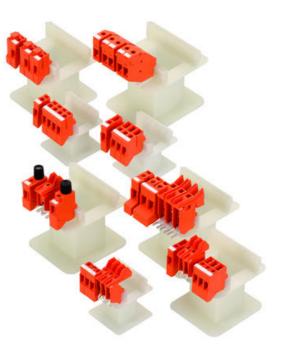
# *ZCONTACLIP*

### **TKS TRANSFORMER TERMINALS**

TKS

17030.6 TKS 4SI 5x20 Grey, 4mm<sup>2</sup>, Fuse holder, 5 x 20mm cartridge type

- 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 mm²
Colour	Grey
Rated voltage IEC	250 V
Rated current IEC	32 A
Fuse size	5 x 20 mm

Rated impulse voltage8 kVOvervoltage categoryIIIOvervoltage categoryIIIContamination degree3ApprovalsUL, CSA, CSA US, KEMA KUR, EACDENENSIONS25.0000Length26.3 mmVickin12.5 mmHeight23.3 mmOptimized Control25.0000Purg augua ce. EN 60 947-1AConsections and wire from0.2 mm²Cross section single wire from0.2 mm²Cross section single wire from0.2 mm²Cross section stranded wire from0.2 mm²Cross section stranded wire from0.2 mm²Rated wire cross section to (AWG)0.2 mm²Rated wire cross section to (AWG)0.3 mm²Cross section stranded wire from0.5 mm²Cross section stranded wire from0.5 mm²Rated wire cross section to (AWG)0.1 mm²Terrent S1.0 mm²Firefuels1.0 mm²Cross section to (AWG)0.1 mm²Cross section to (AWG)0.1 mm²Rated wire cross section to (AWG)0.1 mm²Cross section to (AWG)0.1 mm² <th>Mounting</th> <th>Transformer bobbins</th>	Mounting	Transformer bobbins
Contamination degree3ApprovalsUL, CSA, CSA US, KEMA KUR, EACDIMENSIONS28,3 mmUnderstand28,3 mmWidth12,5 mmHeight43,9 mmConnections1Plug gauge acc. EN 60 947-1A4Cross section single wire from0,2 mm³Cross section single wire from0,2 mm³Cross section stranded wire from0,2 mm³Rated wire cross section to (AWG)10Stripping length8 mmStorew sizeMidalTorque max1 NmCross section materialPolyamide S.6Flammability classULB4-V0Operating temperature from40 °COperating temperature from40 °COperating temperature from40 °COperating temperature from40 °COperating temperature from40 °COpera	Rated impulse voltage	8 kV
Approvals         UL, CSA, CSA US, KEMA KUR, EAC           DIMENSIONS         28.3 mm           Finite         28.3 mm           Vidth         12.5 mm           Height         43.9 mm           CONNECTION DATA         1           Plug gauge acc. EN 60 947-1         A4           Cross section single wire from         0.2 mm <sup>3</sup> Cross section single wire from         0.2 mm <sup>3</sup> Cross section stranded wire from         0.2 mm <sup>3</sup> Cross section ton (AWG)         10           Strapping length         8 mm           Screw size         M3           Torque max         1 Nm           Insulation material         No      <	Overvoltage category	111
DMENSIONS           Length         28.3 mm           Width         12.5 mm           Height         43.9 mm           CONNECTION DATA         Connections           Plug gauge acc. EN 60 947-1         A4           Cross section single wire from         0.2 mm²           Cross section single wire from         0.2 mm²           Cross section single wire from         0.2 mm²           Cross section stranded wire from         0.2 mm²           Rated wire cross section from (AWG)         22           Rated wire cross section from (AWG)         22           Stripping length         8 mm           Stripping length         0.5 Nm           Torque max         1 Nm           METERIALS         U194-V0           Operating temperature form         40 °C           Operating temperature form         120 °C           APPROVALS         120 °C	Contamination degree	3
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Insulation materialPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAPPROVALS600 V	Torque max	1 Nm
Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAPPROVALS600 V	MATERIALS	
Operating temperature from       -40 °C         Operating temperature to       120 °C         APPROVALS       600 V	Insulation material	Polyamide 6.6
Operating temperature to       120 °C         APPROVALS       600 V	Flammability class	UL94-V0
APPROVALS Rated voltage UL 600 V	Operating temperature from	-40 °C
Rated voltage UL 600 V	Operating temperature to	120 °C
	APPROVALS	
Rated current UL 30 A	Rated voltage UL	600 V
	Rated current UL	30 A

UL test standard	UL 1059
Rated voltage CSA	600 V
Rated current CSA	10 A
CSA test standard	C22.2 No 158
Rated voltage CSAus	600 V
Rated current CSAus	10 A
CSAus test standard	UL 1059
EAC test standard	TR ZU 004/2011
KEMA KEUR test standard	EN 60947-7-3:2009

## ADDITIONAL DATA

Tariff code	85369010
Country of origin	DE
Weight	11,36 g
Pack size	50