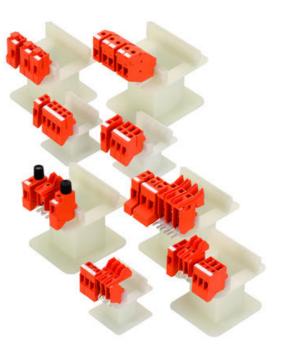
ZCONTACLIP

TKS TRANSFORMER TERMINALS

TKS

17030.6 TKS 4SI 5x20 Grey, 4mm², 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 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	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 ³ Cross section single wire from 0.2 mm ³ Cross section stranded wire from 0.2 mm ³ 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
Length28,3 mmWidth12,5 mmHeight43,9 mmCONNECTION DATAConnections1Plug gauge acc. EN 60 947-1A4Cross section single wire from0.2 mm²Cross section single wire from0.2 mm²Cross section stranded with ferrule from0.2 mm²Cross section to (AWG)2Rated wire cross section from (AWG)2Stripping length8 mmSorew sizeM 3Croque max1 NmChristen SizeSicitedTorque min0.5 NmChristen SizeUL94-V0Corgue maxUL94-V0Corgue max40°°CFaunability classUL94-V0Corgue transponter from40°°CChristen Size100°CChristen Size100°CChristen Size100°CChristen Size100°CChristen Size100°CCross Size100°CCross Size100°CCross Size100°CCross Size100°CCross Size100°CCross Size100°CCross Size100°CCross Size <th< th=""><th>Approvals</th><th>UL, CSA, CSA US, KEMA KUR, EAC</th></th<>	Approvals	UL, CSA, CSA US, KEMA KUR, EAC
Width12.5 mmHeight43.9 mmCONNECTION DATA1Connections1Plug gauge acc. EN 60 947-1A4Cross section single wire from0.2 mm²Cross section single wire to6 mm²Cross section stranded wire from0.2 mm²Cross section from (AWG)10Stripping length8 mmScrew sizeM 3Croque max1 NmCroque max1 NmCroque max1 NmCroque max1 NmCroque maxUL94-V0Operating temperature from40 °COperating t	DIMENSIONS	
Height 43,9 mm CONNECTION DATA 1 Connections 1 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 stranded wire from 0.2 mm² Rated wire cross section from (AWG) 22 Rated wire cross section from (AWG) 10 Stripping length 8 mm Screw size M 3 Screw type Slotted Torque min 0.5 Nm Torque max 1 Nm MATERIALS UL94-V0 Operating temperature from 40 °C Operating temperature to 120 °C Operating temperature to 120 °C APPROVALS 600 V	Length	28,3 mm
CONNECTION DATA Connections 1 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 stranded wire from 0,2 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 10 Stripping length 8 mm Screw size M 3 Screw type Slotted Torque max 1 Nm Matteriat Polyamide 6.6 Flammability class UL94-V0 Operating temperature from 40 °C Operating temperature to 120 °C APPROVALS Sottol Rated voltage UL	Width	12,5 mm
Connections1Plug gauge acc. EN 60 947-1A4Cross section single wire from0.2 mm²Cross section single wire to6 mm²Cross section stranded wire from0.2 mm²Cross section stranded wire to6 mm²Cross section stranded wire to0.2 mm²Cross section stranded wire to0.2 mm²Cross section stranded with ferrule from0.2 mm²Cross section stranded with ferrule to4 mm²Rated wire cross section to (AWG)22Rated wire cross section to (AWG)10Stripping length8 mmScrew sizeM 3Screw sizeSlottedTorque min0.5 MmTorque max1 NmMATERIALSPolyamide 6.6Flammability classUL94-V0Operating temperature from40 °COperating temperature to120 °CAPPROVALS600 V	Height	43,9 mm
Plug gauge acc. EN 60 947-1 A4 Cross section single wire from 0.2 mm² Cross section stranded wire from 0,2 mm² Cross section stranded with ferrule from 0,2 mm² Cross section stranded with ferrule from 0,2 mm² Cross section stranded with ferrule from 0,2 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 10 Stripping length 8 mm Screw size M 3 Screw type Slotted Torque min 0,5 Nm Torque max 1 Nm MATERIALS Polyamide 6.6 Flammability class UL94-V0 Operating temperature from 40 °C Operating temperature to 120 °C APPROVALS 600 V	CONNECTION DATA	
Cross section single wire from0.2 mm²Cross section stranded wire from0.2 mm²Cross section stranded wire from0.2 mm²Cross section stranded with ferrule from0.2 mm²Cross section stranded with ferrule from0.2 mm²Rated wire cross section from (AWG)22Rated wire cross section to (AWG)10Stripping length8 mmScrew sizeM 3Screw sizeSlottedTorque min0,5 NmTorque max1 NmMATEFRIALSInsulation materialPolyamide 6.6Flammability classLL94-V0Operating temperature from40 °COperating temperature to120 °CAPPROVALS600 V	Connections	1
Cross section single wire to6 mm²Cross section stranded wire from0.2 mm²Cross section stranded wire to6 mm²Cross section stranded with ferrule from0.2 mm²Cross section stranded with ferrule to4 mm²Rated wire cross section from (AWG)22Rated wire cross section to (AWG)10Stripping length8 mmScrew sizeM 3Screw sizeSlottedTorque max1 NmMATERIALS1 NmInsulation materialPolyamide 6.6Flammability classUL94-V0Operating temperature from40 °COperating temperature to120 °CAPPROVALS600 V	Plug gauge acc. EN 60 947-1	A4
Cross section stranded wire from 0.2 mm² Cross section stranded wire to 6 mm² Cross section stranded with ferrule from 0.2 mm² Cross section stranded with ferrule to 4 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 10 Stripping length 8 mm Screw size M 3 Screw type Slotted Torque min 0.5 Nm Torque max 1 Nim MATERIALS Polyamide 6.6 Flammability class UL94-V0 Operating temperature from -40 °C Operating temperature to 120 °C APPROVALS 600 V	Cross section single wire from	0,2 mm²
Cross section stranded wire to6 mm²Cross section stranded with ferrule from0.2 mm²Cross section stranded with ferrule to4 mm²Rated wire cross section from (AWG)22Rated wire cross section to (AWG)10Stripping length8 mmScrew sizeM 3Screw sizeSlottedTorque min0.5 NmTorque max1 NmMATERIALSInsulation materialPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAtten voltage UL600 V	Cross section single wire to	6 mm ²
Cross section stranded with ferrule from0.2 mm²Cross section stranded with ferrule to4 mm²Rated wire cross section from (AWG)22Rated wire cross section to (AWG)10Stripping length8 mmScrew sizeM 3Screw typeSlottedTorque min0.5 NmTorque max1 NmMATERIALSInsulation materialPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °CAppROVALSRate voltage UL600 V	Cross section stranded wire from	0,2 mm²
Cross section stranded with ferrule to4 mm²Rated wire cross section from (AWG)22Rated wire cross section to (AWG)10Stripping length8 mmScrew sizeM 3Screw sizeSlottedTorque min0.5 NmTorque max1 NmMATERIALSInsulation materialPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAPPROVALS600 V	Cross section stranded wire to	6 mm²
Rated wire cross section from (AWG)22Rated wire cross section to (AWG)10Stripping length8 mmScrew sizeM 3Screw typeSlottedTorque min0,5 NmTorque max1 NmMATERIALSInsulation materialPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAPPROVALSRated voltage ULRated voltage UL600 V	Cross section stranded with ferrule from	0,2 mm²
Rated wire cross section to (AWG)10Stripping length8 mmScrew sizeM 3Screw typeSlottedTorque min0,5 NmTorque max1 NmMATERIALSPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAPPROVALSEastRated voltage UL600 V	Cross section stranded with ferrule to	4 mm²
Stripping length8 mmScrew sizeM 3Screw typeSlottedTorque min0,5 NmTorque max1 NmMATERIALSPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAPPROVALSRated voltage ULRated voltage UL600 V	Rated wire cross section from (AWG)	22
Screw sizeM 3Screw typeSlottedScrew typeSlottedTorque min0,5 NmTorque max1 NmMATERIALSPolyamide 6.6Insulation materialPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAPPROVALSEated voltage ULRated voltage UL600 V	Rated wire cross section to (AWG)	10
Screw typeSlottedTorque min0,5 NmTorque max1 NmMATERIALSInsulation materialPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAPPROVALS600 V	Stripping length	8 mm
Torque min0,5 NmTorque max1 NmMATERIALSInsulation materialPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAPPROVALSEaded voltage ULRated voltage UL600 V	Screw size	M 3
Torque max1 NmMATERIALSInsulation materialPolyamide 6.6Flammability classUL94-V0Operating temperature from-40 °COperating temperature to120 °CAPPROVALSEndow Voltage ULRated voltage UL600 V	Screw type	Slotted
MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V0 Operating temperature from -40 °C Operating temperature to 120 °C APPROVALS 600 V	Torque min	0,5 Nm
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