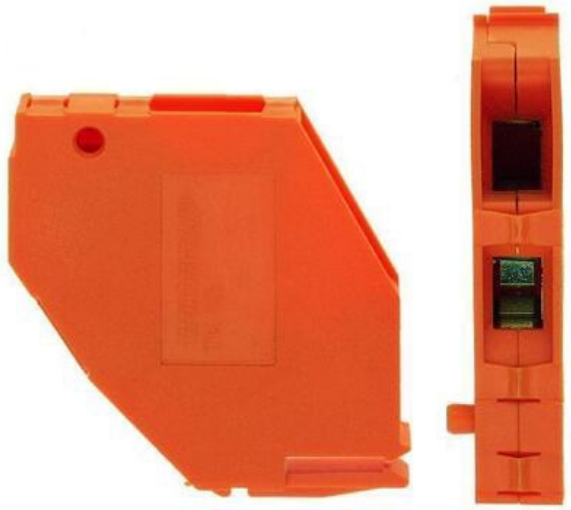
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TK TRANSFORMER TERMINALS

Screw Transformer Terminals - TK

1159.3
TK 4/9/F OG



- Modular system
- Screw & Faston versions (2.8/6.3mm)
- Touch safe VBG 4 compliant
- Polyamide 6.6 UL 94-V0

PRODUCT DESCRIPTION

The TK series is the original transformer terminal, which are still widely used today.

This series is a modular design using a dove-tail mechanical connection to assemble together the required number of poles for your application.

These can also be supplied pre-assembled and custom marked.

The standard version is 4mm with screw and faston connections, but there is a 'special profile' TK10 terminal which has 2 screw connections, unlike the TK4, TKS4 & TKS10 that have the solder 'hook' for the coil connection.

TECHNICAL DATA

GENERAL DATA

Rated wire cross section	4 mm²
Colour	Orange
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, cUL, KEMA KUR, EAC
Additional information	with fast on connection

DIMENSIONS

Length	27.8 mm
Width	67.5 mm
Height	33.1 mm

CONNECTION DATA

Connections	18
Plug gauge acc. EN 60 947-1	A4
Cross section single wire from	0.2 mm²
Cross section single wire to	6 mm²
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	9 mm
Screw size	M 3
Screw type	Slotted
Torque min	0.5
Torque max	1

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	30 A
UL test standard	UL 1059
Rated voltage cUL	600 V
Rated current cUL	30 A
cUL test standard	C22.2 No 158
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	45.2 g
Pack size	5