

TK TRANSFORMER TERMINALS

TK

1141.2
TK 4/1 BG

- 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 impulse voltage	8 kV
Colour	Beige
Rated wire cross section	4 mm ²
Rated voltage IEC	800 V
Mounting	Transformer bobbins
Contamination degree	3
Rated current IEC	32 A
Approvals	UL, cUL, KEMA KUR, EAC
Overvoltage category	III

DIMENSIONS

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

CONNECTION DATA

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

MATERIALS

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

APPROVALS

UL test standard	UL 1059
Rated current UL	30 A
Rated current cUL	30 A
Rated voltage UL	600 V
KEMA KEUR test standard	EN 60947-7-1:2009
Rated voltage cUL	600 V
cUL test standard	C22.2 No 158
EAC test standard	TR ZU 004/2011

ADDITIONAL DATA

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