

## TK TRANSFORMER TERMINALS

TK

1151.3  
TK 4/1/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 impulse voltage	8 kV
Colour	Orange
Rated wire cross section	4 mm <sup>2</sup>
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
Additional information	with fast on connection

### DIMENSIONS

<b>Length</b>	27,8 mm
<b>Width</b>	7,5 mm
<b>Height</b>	33,1 mm

## CONNECTION DATA

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

## MATERIALS

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

## APPROVALS

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

## ADDITIONAL DATA

<b>Pack size</b>	50
<b>Country of origin</b>	DE
<b>Tariff code</b>	85369010
<b>Weight</b>	5 g