

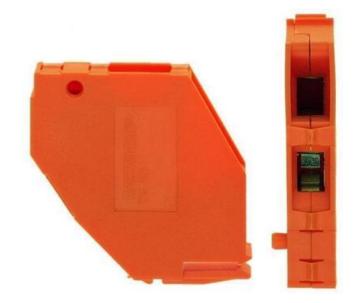


TK TRANSFORMER TERMINALS

ΤK

1138.3 **TK 10 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		
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Mounting Transformer bobbins  Rated impulse voltage 8 kV  Overvoltage category III  Contamination degree 3	Rated voltage IEC	800 V
Rated impulse voltage 8 kV  Overvoltage category III  Contamination degree 3	Rated current IEC	32 A
Overvoltage category III  Contamination degree 3	Mounting	Transformer bobbins
Contamination degree 3	Rated impulse voltage	8 kV
_	Overvoltage category	III
Approvals UL, cUL, KEMA KUR, EAC	Contamination degree	3
	Approvals	UL, cUL, KEMA KUR, EAC

#### **DIMENSIONS**

Length	40.5 mm
Width	9 mm
Height	41 mm
CONNECTION DATA	
Connections	1
Plug gauge acc. EN 60 947-1	Δ5

Connections	1
Plug gauge acc. EN 60 947-1	A5
Cross section single wire from	0.2 mm <sup>2</sup>
Cross section single wire to	10 mm²
Cross section stranded wire from	0.2 mm <sup>2</sup>
Cross section stranded wire to	10 mm²
Cross section stranded with ferrule from	0.2 mm <sup>2</sup>
Cross section stranded with ferrule to	10 mm²
Rated wire cross section from (AWG)	22
Rated wire cross section to (AWG)	10
Stripping length	12 mm
Screw size	M 4
Screw type	Slotted
Torque min	1.2
Torque max	2

# **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	65 A
UL test standard	UL 1059
Rated voltage cUL	600 V
Rated current cUL	65 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	15.2 g
Pack size	50