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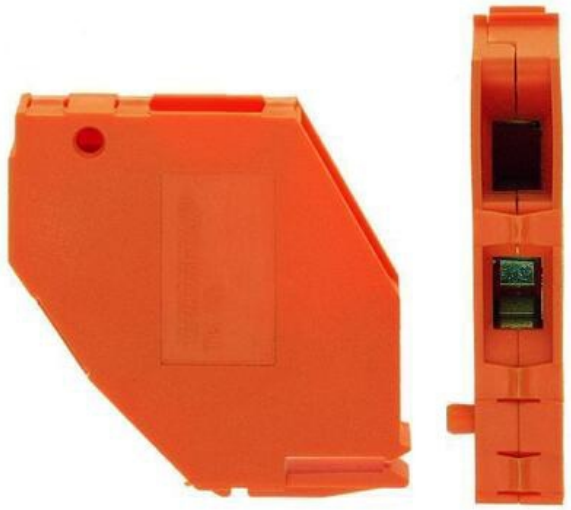
TK TRANSFORMER TERMINALS

Screw Transformer Terminals - TK

1136.8
TK 4/1 YE/GN



- 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	Green/yellow
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

DIMENSIONS

Length	20.5 mm

Width	7.5 mm
Height	33.1 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 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	4.08 g
Pack size	50