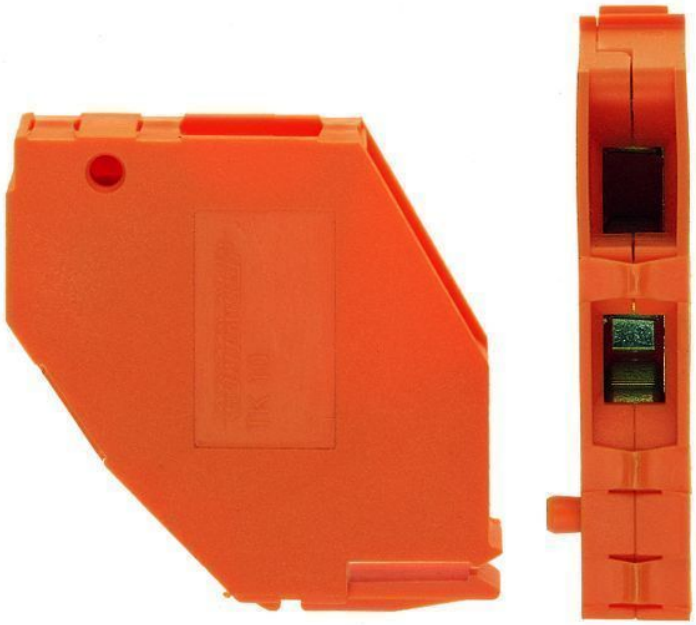
Data sheet

1161.3 TK 10/ZP OG



Transformer terminal, Screw connection, Mounting type: Custom profile, Rated cross-section: 4 mm², Width: 15 mm, Colour: Orange

Business data

Article number	1161.3
Article name	TK 10/ZP OG
GTIN (EAN)	4044211112103
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	19.16 g
Weight per piece (including packaging)	19.3 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1161.3
Product description	Transformer terminal

Data sheet

1161.3 TK 10/ZP OG

Technical data

Dimensions

Length	40.5 mm
Width	15 mm
Height	41 mm

Ratings

Rated voltage	800 V
Rated current	32 A
Rated cross-section	4 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.02 W

Connection data

Connection principle	Screw connection
Connections	2
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm²
Wire cross-section single core (rigid)/stranded, max.	10 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	10 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	10 mm²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	10
Stripping length	12 mm
Screw head	PlusMinus/Pozidriv
Screw threading	M 4
Tightening torque, min.	1.2 Nm
Tightening torque, max.	2 Nm

Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C

Data sheet

1161.3 TK 10/ZP OG

Technical data

Further technical data

Mounting type	Custom profile
Gauge plug acc. to EN 60 947-1	A5

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes

cUL Recognized

cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	600 V
cUL Usegroup B: rated current	65 A
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	65 A
cUL wire cross-section single-core (rigid) AWG, min.	22
cUL wire cross-section single-core (rigid) AWG, max.	6
cUL wire cross-section stranded AWG, min.	22
cUL wire cross-section stranded AWG, max.	6
cUL torque	12 Nm
cUL wire material	Cu
cUL File Number	E95701
cUL Recognized	1

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	800 V
KEMA rated current	57 A
KEMA rated impulse voltage (fuse holder without electrical components)	8 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm²
KEMA wire cross-section single-core (rigid), max.	10 mm²
KEMA wire cross-section stranded, min.	0.2 mm²
KEMA wire cross-section stranded, max.	10 mm²
KEMA torque, min.	1.2 Nm
KEMA torque, max.	2 Nm

Approvals

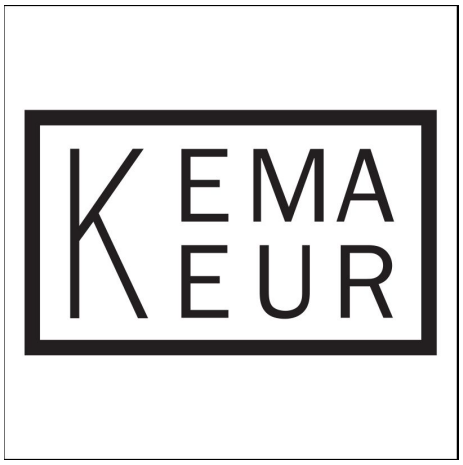
UL Recognized

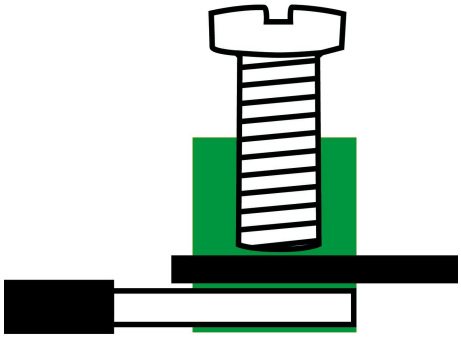
UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	65 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	65 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	6
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	6
UL torque, max.	12 Lb In.
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL File Number	E95701
UL Recognized	1

Data sheet

1161.3 TK 10/ZP OG

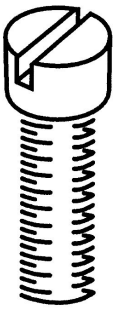
Media





EAC

M4



Data sheet

1161.3 TK 10/ZP OG

Accessories

Quick marking

Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 7.5 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
9326.7	PMC SB 7,5/40 WH	4044211157784	400 ST

Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 7.5 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
3327.7	PMC SB 7,5/40 So WH	4044211128845	400 ST

Screwdriver

Screwdriver with bare blade, Colour: Black-grey

Article number	Article name	GTIN (EAN)	Packaging unit
1086.0	SDB 0,6x3,5	4044211014797	1 ST