

Data sheet

17046.3 TKS 10/3 OG



Transformer terminal, Screw connection, Mounting type: Custom profile, Rated cross-section: 10 mm², Width: 23.75 mm, Colour: Orange

Business data

Article number	<u>17046.3</u>
Article name	TKS 10/3 OG
GTIN (EAN)	4044211149819
Packaging unit	20
Quantity unit	PC
Weight per piece (not including packaging)	45 g
Weight per piece (including packaging)	45.4 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	17046.3
Product description	Transformer terminal

Technical data

Dimensions

Length	37.5 mm
Width	33.75 mm
Height	39.5 mm

Ratings

Rated voltage	800 V
Rated current	57 A
Rated cross-section	10 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	5.47 W

Connection data

Connection principle	Screw connection
Connections	3
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm ²
Wire cross-section single core (rigid)/stranded, max.	16 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	16 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	10 mm ²
Wire cross-section AWG, min.	24
Wire cross-section AWG, max.	6
Stripping length	14 mm
Screw head	Slotted
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

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Technical data

Further technical data

Mounting type	Custom profile
Gauge plug acc. to EN 60 947-1	B6

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

CSA approval

CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup B: rated voltage	600 V
CSA Usegroup B: rated current	65 A
CSA Usegroup C: rated voltage	600 V
CSA Usegroup C: rated current	65 A
CSA wire cross-section AWG, min.	24
CSA wire cross-section AWG, max.	6
CSA torque, max.	2 Nm
CSA torque, min.	1.2 Nm

CSAus approval

CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup B: rated voltage	600 V
CSAus Usegroup B: rated current	65 A
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	65 A
CSAus wire cross-section AWG, min.	24
CSAus wire cross-section AWG, max.	6
CSAus torque, min.	1.2 Nm
CSAus torque, max.	2 Nm

Approvals

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 mm ²
KEMA wire cross-section single-core (rigid), max.	16 mm ²
KEMA wire cross-section stranded, min.	0.2 mm ²
KEMA wire cross-section stranded, max.	10 mm ²
KEMA torque, min.	1.2 Nm
KEMA torque, max.	2 Nm

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.	24
UL wire cross-section single-core (rigid) AWG, max.	6
UL wire cross-section stranded AWG, min.	24
UL wire cross-section stranded AWG, max.	6
UL torque, min.	10.6 Lb In.
UL torque, max.	17.7 Lb In.
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL File Number	E95701
UL Recognized	1

Media



Accessories

Quick marking



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>9326.7</u>	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
<u>3327.7</u>	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
<u>1086.0</u>	SDB 0,6x3,5	4044211014797	1 ST