

# Data sheet

## 1142.3 TK 4/2 OG



Transformer terminal, Screw connection, Mounting type: Custom profile, Rated cross-section: 4 mm<sup>2</sup>, Width: 7.5 mm, Colour: Orange

### Business data

Article number	1142.3
Article name	TK 4/2 OG
GTIN (EAN)	4044211021238
Packaging unit	25
Quantity unit	PC
Weight per piece (not including packaging)	8 g
Weight per piece (including packaging)	8.16 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1142.3
Product description	Transformer terminal

### Technical data

#### Dimensions

Length	20.5 mm
Width	7.5 mm
Height	33.1 mm

#### Ratings

Rated voltage	800 V
Rated current	32 A
Rated cross-section	4 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	2.05 W

#### Connection data

Connection principle	Screw connection
Connections	2
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	6 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	6 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	4 mm <sup>2</sup>
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	10
Stripping length	9 mm
Screw head	Slotted
Screw threading	M 3
Tightening torque, min.	0.5 Nm
Tightening torque, max.	1 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

## 1142.3 TK 4/2 OG

---

### Technical data

---

#### Further technical data

Mounting type	Custom profile
Gauge plug acc. to EN 60 947-1	A4

#### Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2024-01-23
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	30 A
-------------------------------	------

cUL Usegroup C: rated voltage	600 V
-------------------------------	-------

cUL Usegroup C: rated current	30 A
-------------------------------	------

cUL wire cross-section single-core (rigid) AWG, min.	22
--	----

cUL wire cross-section single-core (rigid) AWG, max.	10
--	----

cUL wire cross-section stranded AWG, min.	22
---	----

cUL wire cross-section stranded AWG, max.	10
---	----

cUL torque	7 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	32 A
--------------------	------

KEMA rated impulse voltage (fuse holder without electrical components)	8 kV
--	------

KEMA wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
---	---------------------

KEMA wire cross-section single-core (rigid), max.	6 mm <sup>2</sup>
---	-------------------

KEMA wire cross-section stranded, min.	0.2 mm <sup>2</sup>
--	---------------------

KEMA wire cross-section stranded, max.	6 mm <sup>2</sup>
--	-------------------

KEMA torque, min.	0.5 Nm
-------------------	--------

KEMA torque, max.	1 Nm
-------------------	------

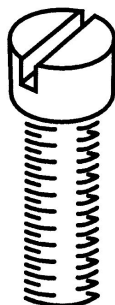
### Approvals

#### UL Recognized

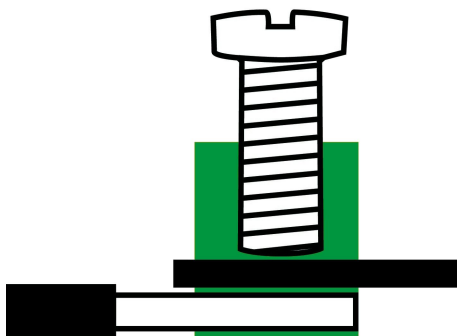
UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	30 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	30 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	10
UL torque, max.	7 Lb In.
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL File Number	E95701
UL Recognized	1

Media

**M3**



**EAC**



**C  US**

### 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