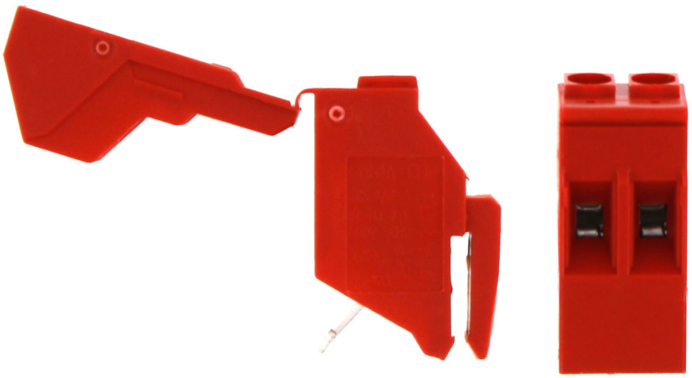
Data sheet

1223.9 TKS 4/2 RD



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

Business data

Article number	1223.9
Article name	TKS 4/2 RD
GTIN (EAN)	4044211189204
Packaging unit	25
Quantity unit	PC
Weight per piece (not including packaging)	7.8 g
Weight per piece (including packaging)	8.2 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1223.3
Product description	Transformer terminal

Data sheet

1223.9 TKS 4/2 RD

Technical data

Dimensions	
Length	20.5 mm
Width	15 mm
Height	33.1 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	2.05 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.	6 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	6 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	4 mm²
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

Technical data

Further technical data

Mounting type	Custom profile
Gauge plug acc. to EN 60 947-1	A4
Number of test pick-off options	2

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	27 A
CSA Usegroup C: rated voltage	600 V
CSA Usegroup C: rated current	27 A
CSA wire cross-section AWG, min.	22
CSA wire cross-section AWG, max.	10
CSA torque, max.	1 Nm
CSA torque, min.	0.5 Nm

CSAus approval	
CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup B: rated voltage	600 V
CSAus Usegroup B: rated current	27 A
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	27 A
CSAus wire cross-section AWG, min.	22
CSAus wire cross-section AWG, max.	10
CSAus torque, min.	0.5 Nm
CSAus torque, max.	1 Nm

Approvals

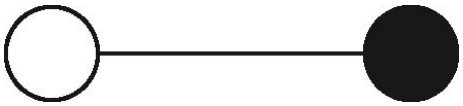
KEMA KEUR approval

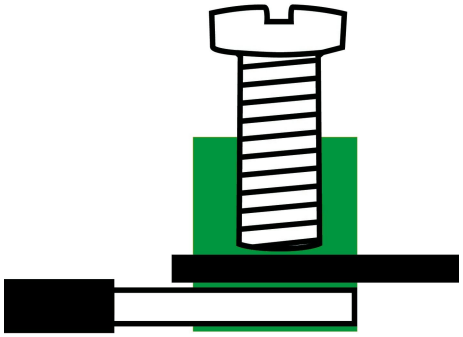
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	800 V
KEMA rated current	32 A
KEMA rated impulse voltage (fuse holder withoutelectrical components)	8 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm²
KEMA wire cross-section single-core (rigid), max.	6 mm²
KEMA wire cross-section stranded, min.	0.2 mm²
KEMA wire cross-section stranded, max.	6 mm²
KEMA torque, min.	0.5 Nm
KEMA torque, max.	1 Nm

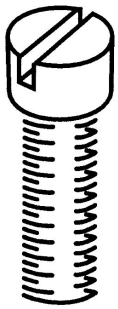
UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	27 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	27 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, min.	4.4 Lb In.
UL torque, max.	8.85 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
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