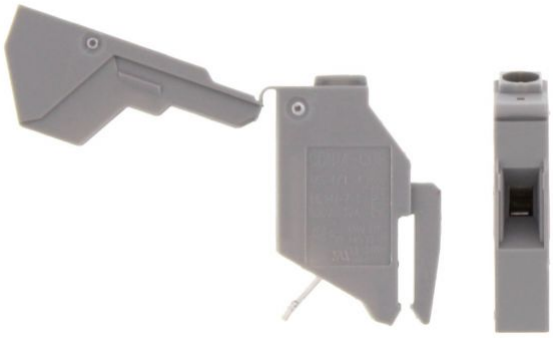
Datasheet

1222.6
TKS 4/1 GR
TKS 4/1 GR





Transformer terminal, Screw connection, Mounting type: Custom profile, Rated cross-section: 4 mm², Width: 7.5 mm, Colour: Grey

Business data

Product description	Transformer terminal
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	4
Weight per piece (including packaging)	4.4
Unit of weight	G
Customs number	85369010
Country of origin	DE

Datasheet

1222.6
TKS 4/1 GR
TKS 4/1 GR

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 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

Datasheet

1222.6
TKS 4/1 GR
TKS 4/1 GR

Technical Data

Connection data

Connection principle	Screw connection
Connections	1
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

Datasheet

1222.6
TKS 4/1 GR
TKS 4/1 GR

Technical Data

Materials

Working temperature, min.	-40 °C
Working temperature, max.	120 °C

Further technical data

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

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	✓

CSA approval

CSA approval	C22.2 No 158
CSA approval granted	✓
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

TKS 4/1 GR

Approvals

CSAus approval

CSAus approval	UL 1059
CSAus approval granted	✓
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

TKS 4/1 GR

Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
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 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

Datasheet

1222.6
TKS 4/1 GR
TKS 4/1 GR

Approvals

UL Recognized

UL Recognized	UL 1059
UL Recognized granted	✓
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	✓
UL field wiring	✓

Datasheet

1222.6
TKS 4/1 GR
TKS 4/1 GR

Media













Datasheet

1222.6
TKS 4/1 GR
TKS 4/1 GR

Media



Datasheet

1222.6
TKS 4/1 GR
TKS 4/1 GR

Accessories

Quick-marking



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

In general

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

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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
9326.7	PMC SB 7,5/40 WH	4044211157784	400 PC

Datasheet

1222.6
TKS 4/1 GR
TKS 4/1 GR

Accessories

Screw driver



Screwdriver with bare blade, Colour: Black-grey

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1086.0	SDB 0,6x3,5	4044211014797	1 PC