Data sheet

1584.5 RK 150-D BU



Feed-through terminal to mounting surface, Screw connection, Mounting type: Mounting surface, Rated cross-section: 150 mm², Width: 31 mm, Colour: Blue

RAL: Ähnlich 5005

Business data

Article number	1584.5
Article name	RK 150-D BU
GTIN (EAN)	4044211047757
Packaging unit	5
Quantity unit	PC
Weight per piece (not including packaging)	291.2 g
Weight per piece (including packaging)	312.4 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1584.2
Product description	Feed-through terminal for direct mount

Data sheet

1584.5 RK 150-D BU

Technical data

Dimensions	
Length	109 mm
Width	31 mm
Height TS 35/7.5	99 mm

Ratings	
Rated voltage	1000 V
Rated current	309 A
Rated cross-section	150 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	9.89 W

Connection data	
Connection principle	Screw connection
Connection position	Lateral
Connections	2
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	35 mm²
Wire cross-section single core (rigid)/stranded, max.	150 mm²
Wire cross-section stranded, min.	50 mm²
Wire cross-section stranded, max.	150 mm²
Wire cross-section stranded with wire-end ferrules, min.	50 mm²
Wire cross-section stranded with wire-end ferrules, max.	150 mm²
Wire cross-section AWG, min.	2
Wire cross-section AWG, max.	300 Kcmil
Stripping length	38 mm
Screw head	Inner hex (Allen)
Screw threading	M 10
Tightening torque, min.	14 Nm
Tightening torque, max.	20 Nm

Data sheet

1584.5 RK 150-D BU

Technical data

Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-2
Working temperature, min.	-40 °C
Working temperature, max.	105 °C

Further technical data

Mounting type	Mounting face
Gauge plug acc. to EN 60 947-1	B14
Banded wire up to	20 x 8 mm

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

German Lloyd approval

DNV GL Certificate number	TAE000014T
DNV GL Location Classes	Temperature: B, Humidity: B, Vibration: A
DNV GL approval granted	1
DNV GL rated cross-section	150 mm²
DNV GL rated current	275 A
DNV GL rated voltage	600 V
DNV GL test standard	IEC 60947-7-1:2002

UL Recognized

UL File Number	E95701
UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	275 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	275 A
UL wire cross-section single-core (rigid) AWG, min.	2
UL wire cross-section single-core (rigid) AWG, max.	350 Kcmil
UL wire cross-section stranded AWG, min.	2
UL wire cross-section stranded AWG, max.	350 Kcmil
UL torque	142 Lb In
UL wire material	Cu
UL factory wiring	1
UL Recognized	1

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 C: rated voltage	600 V
CSA Usegroup C: rated current	275 A
CSA wire cross-section AWG, min.	2
CSA wire cross-section AWG, max.	300 Kcmil
CSA stripping length	38 mm
CSA File Number	042110_0_000

Approvals

CSAus approval

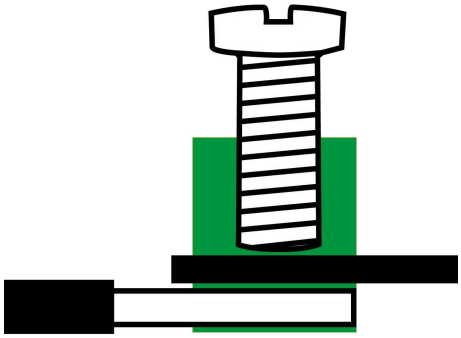
CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	275 A
CSAus wire cross-section AWG, min.	2
CSAus wire cross-section AWG, max.	300 Kcmil
CSAus stripping length	38 mm
CSAus File Number	042110_0_000

KEMA KEUR approval

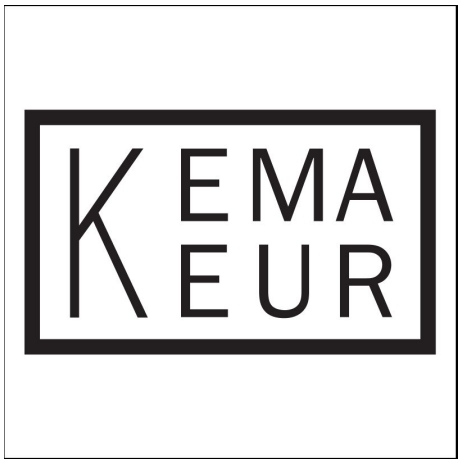
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	1000 V
KEMA rated current	309 A
KEMA rated impulse voltage	12 kV
KEMA wire cross-section single core (rigid), min.	35 mm²
KEMA wire cross-section single-core (rigid), max.	150 mm²
KEMA wire cross-section stranded, min.	35 mm²
KEMA wire cross-section stranded, max.	150 mm²
KEMA stripping length	38 mm
KEMA torque, min.	14 Nm
KEMA torque, max.	20 Nm

Media













Data sheet

1584.5 RK 150-D BU

Accessories

Cover



Cover, Length: 60 mm, Width: 21 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2806.0	AD 1/150/B YE	4044211055363	20 ST

Inlay profile

Measurement pick-off terminal

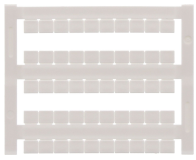


Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 10 mm², Width: 10 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
1125.2	MAG 150/240 BG	4044211080921	10 ST

Allen key socket wrench

Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 ST

Data sheet

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##INVERSE##CONTA-CONNECT



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 10 mm², Width: 10 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
1125.2	MAG 150/240 BG	4044211080921	10 ST