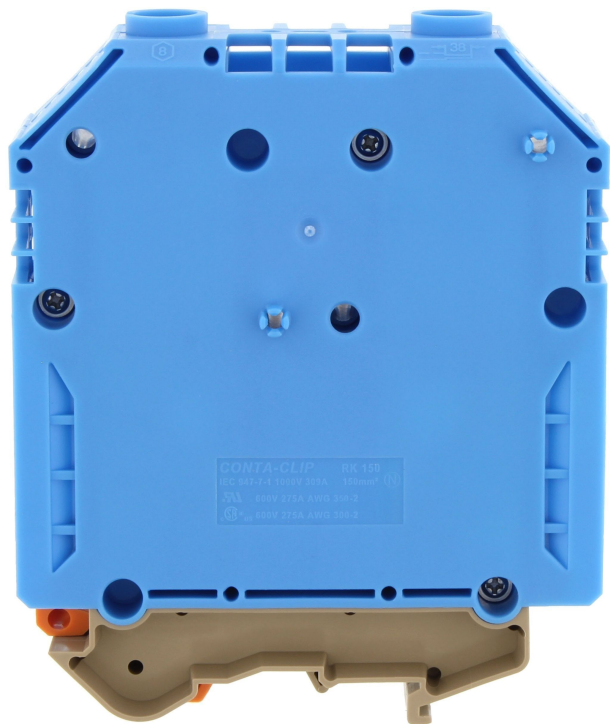


Data sheet

1124.5 RK 150 BU



Feed-through terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 150 mm², Width: 31 mm, Colour: Blue

RAL: Ähnlich 5005

Business data

Article number	1124.5
Article name	RK 150 BU
GTIN (EAN)	4044211019235
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	1124.2
Product description	Feed-through terminal

Data sheet

1124.5 RK 150 BU



Technical data

Dimensions

Length	93 mm
Width	31 mm
Height TS 35/7.5	112.8 mm
Height TS 32	118.5 mm

Ratings

Rated voltage	1000 V
Rated current	309 A
Rated cross-section	150 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	9.89 W

Data sheet

1124.5 RK 150 BU

Technical data

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 mm ²
Wire cross-section single core (rigid)/stranded, max.	150 mm ²
Wire cross-section stranded, min.	50 mm ²
Wire cross-section stranded, max.	150 mm ²
Wire cross-section stranded with wire-end ferrules,min.	50 mm ²
Wire cross-section stranded with wire-end ferrules,max.	150 mm ²
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
Wire cross-section single-core (rigid) / stranded, AWGmax.	300 Kcmil
Wire cross-section single-core (rigid) / stranded, AWGmin.	2
Wire cross-section stranded, AWG max.	300 Kcmil
Wire cross-section stranded, AWG min.	2
Wire cross-section stranded with wire-end ferrules, AWG min.	2

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 rail TS 35/7.5 and TS 32
Gauge plug acc. to EN 60 947-1	B14
Banded wire up to	20 x 8 mm

Data sheet

1124.5 RK 150 BU



Technical data

Environmental Product Compliance

REACH Conform	Yes
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 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

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 mm ²
KEMA wire cross-section single-core (rigid), max.	150 mm ²
KEMA wire cross-section stranded, min.	35 mm ²
KEMA wire cross-section stranded, max.	150 mm ²
KEMA stripping length	38 mm
KEMA torque, min.	14 Nm
KEMA torque, max.	20 Nm

Data sheet

1124.5 RK 150 BU

Approvals

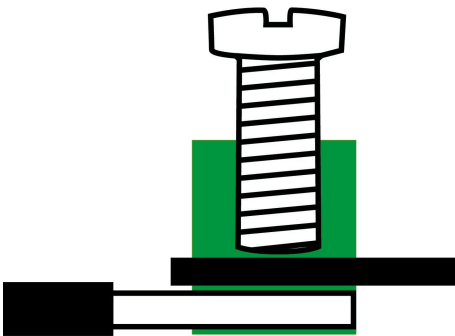
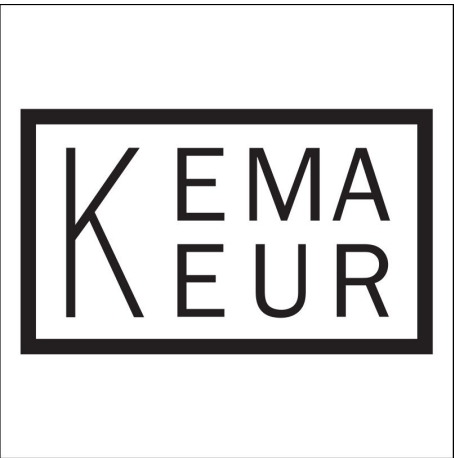
UL Recognized

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 File Number	E95701
UL Recognized	1

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 mm ²
DNV GL rated current	275 A
DNV GL rated voltage	600 V
DNV GL test standard	IEC 60947-7-1:2002

Media



Accessories

Cover



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

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

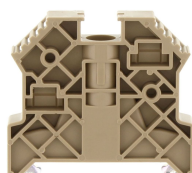
Inlay profile



Inlay plate, Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2277.0</u>	EP 150	4044211050849	10 ST

End stop



End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2828.0</u>	ES 35/K/ST BG	4044211055547	50

Allen key socket wrench



Inner hex key with bare blade

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2773.0</u>	ISKS 8	4044211055035	1 ST

Measurement pick-off terminal

Data sheet

1124.5 RK 150 BU



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
<u>1125.2</u>	MAG 150/240 BG	4044211080921	10 ST

Insulated cross-connector



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 56.13 mm, Rated current: 309 A; Colour: Yellow

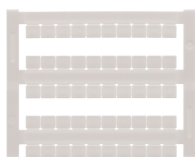
Article number	Article name	GTIN (EAN)	Packaging unit
<u>2767.2</u>	AQI 2/150 YE	4044211054977	5



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 87.9 mm, Rated current: 309 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2768.2</u>	AQI 3/150 YE	4044211054984	5

Quick marking



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

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

##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
<u>1125.2</u>	MAG 150/240 BG	4044211080921	10 ST