

# 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 mm<sup>2</sup>, 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

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### Technical data

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#### 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 <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	9.89 W

### 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 <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	150 mm <sup>2</sup>
Wire cross-section stranded, min.	50 mm <sup>2</sup>
Wire cross-section stranded, max.	150 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules,min.	50 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules,max.	150 mm <sup>2</sup>
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

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### Technical data

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#### Environmental Product Compliance

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REACH Conform	Yes
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REACH Candidate Substance Note	No
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RoHS Conform	Yes
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### Approvals

#### Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	yes
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#### CSA approval

CSA approval	C22.2 No 158
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CSA approval granted	yes
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CSA Usegroup C: rated voltage	600 V
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CSA Usegroup C: rated current	275 A
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CSA wire cross-section AWG, min.	2
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CSA wire cross-section AWG, max.	300 Kcmil
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CSA stripping length	38 mm
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CSA File Number	042110_0_000
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#### CSAus approval

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

KEMA KEUR approval	EN 60947-7-1:2009
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KEMA KEUR approval granted	yes
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KEMA rated voltage	1000 V
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KEMA rated current	309 A
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KEMA rated impulse voltage	12 kV
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KEMA wire cross-section single core (rigid), min.	35 mm <sup>2</sup>
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KEMA wire cross-section single-core (rigid), max.	150 mm <sup>2</sup>
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KEMA wire cross-section stranded, min.	35 mm <sup>2</sup>
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KEMA wire cross-section stranded, max.	150 mm <sup>2</sup>
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KEMA stripping length	38 mm
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KEMA torque, min.	14 Nm
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KEMA torque, max.	20 Nm
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## 1124.5 RK 150 BU

### Approvals

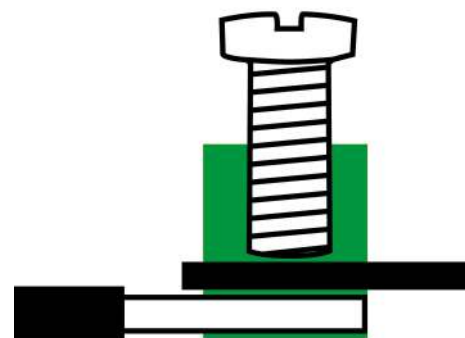
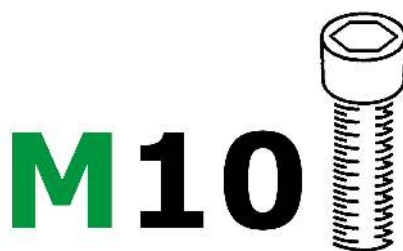
#### UL Recognized

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 <sup>2</sup>
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

#### Measurement pick-off terminal



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 10 mm<sup>2</sup>, Width: 10 mm, Colour: Beige

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

#### Allen key socket wrench



Inner hex key with bare blade

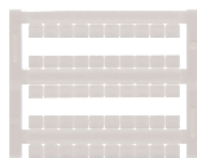
Article number	Article name	GTIN (EAN)	Packaging unit
<u>2773.0</u>	ISKS 8	4044211055035	1 ST

#### Quick marking



# Data sheet

## 1124.5 RK 150 BU



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 mm<sup>2</sup>, Width: 10 mm, Colour: Beige

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