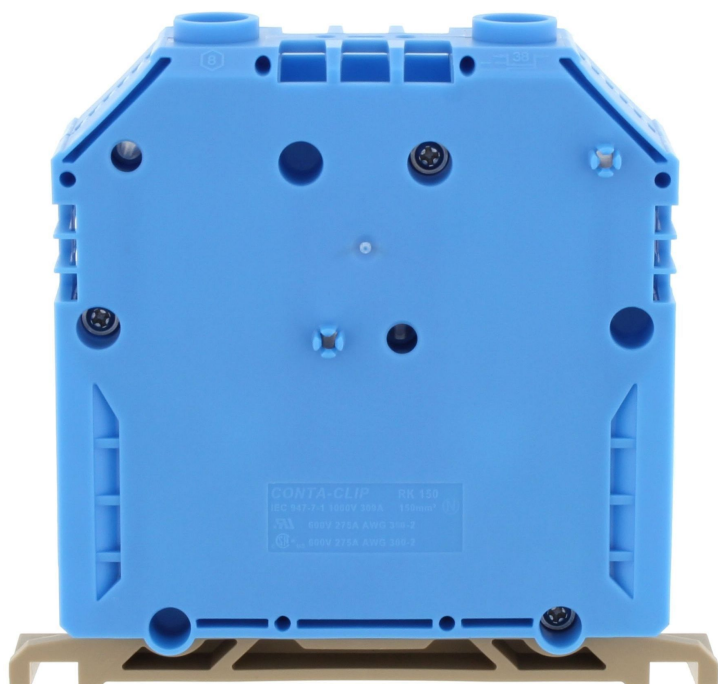


# Data sheet

## 1584.5 RK 150-D BU



Feed-through terminal to mounting surface, Screw connection, Mounting type: Mounting surface, Rated cross-section: 150 mm<sup>2</sup>, Width: 31 mm, Colour: Blue

**RAL:** Ähnlich 5005

### Business data

Article number	<u>1584.5</u>
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 mm <sup>2</sup>
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 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

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### Technical data

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#### 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	2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

### 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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### Approvals

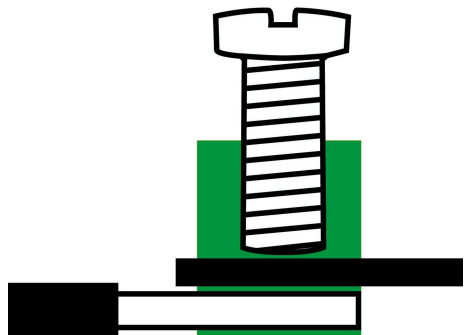
#### UL Recognized

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

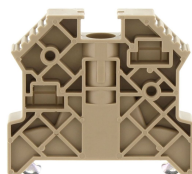
#### Inlay profile



Inlay plate, Colour: natural

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

#### 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

## 1584.5 RK 150-D BU



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

### 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

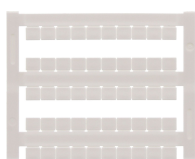
Article number	Article name	GTIN (EAN)	Packaging unit
<u>2767.2</u>	AQI 2/150 YE	4044211054977	5



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 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