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RK 50-D BG
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Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 50 mm², Width: 20 mm, Colour: Beige

Business data

Product description	Feed-through terminal for direct mount
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	111.2
Weight per piece (including packaging)	122.4
Unit of weight	G
Customs number	85369010
Country of origin	DE

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Technical Data

Dimensions

Length	109 mm
Width	20 mm
Height TS 35/7.5	65.75 mm

Ratings

Rated voltage	1000 V
Rated current	150 A
Rated cross-section	50 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

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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.	16 mm ²
Wire cross-section single core (rigid)/stranded, max.	50 mm ²
Wire cross-section stranded, min.	25 mm ²
Wire cross-section stranded, max.	50 mm ²
Wire cross-section stranded with wire-end ferrules, min.	25 mm ²
Wire cross-section stranded with wire-end ferrules, max.	50 mm ²
Wire cross-section AWG, min.	6
Wire cross-section AWG, max.	1/0
Stripping length	27 mm
Screw head	Inner hex (Allen)
Screw threading	M 6
Tightening torque, min.	3 Nm
Tightening torque, max.	6 Nm

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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	B10
Banded wire up to	11,8 x 5,0 mm

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Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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CSA approval

CSA approval	C22.2 No 158
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CSA approval granted	✓
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CSA Usegroup C: rated voltage	600 V
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CSA Usegroup C: rated current	150 A
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CSA wire cross-section AWG, min.	6
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CSA wire cross-section AWG, max.	1/0
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CSA stripping length	27 mm
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CSAus approval

CSAus approval	UL 1059
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CSAus approval granted	✓
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CSAus Usegroup C: rated voltage	600 V
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CSAus Usegroup C: rated current	150 A
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CSAus wire cross-section AWG, min.	6
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Approvals

CSAus approval

CSAus wire cross-section AWG, max.	1/0
CSAus stripping length	27 mm

German Lloyd approval

GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	600 V
GL rated current	150 A
GL rated cross-section	50 mm ²
GL environmental category	C

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Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	1000 V
KEMA rated current	150 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	16 mm ²
KEMA wire cross-section single-core (rigid), max.	50 mm ²
KEMA wire cross-section stranded, min.	25 mm ²
KEMA wire cross-section stranded, max.	50 mm ²

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Approvals

UL Recognized

UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	150 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	150 A
UL wire cross-section single-core (rigid) AWG, min.	6
UL wire cross-section single-core (rigid) AWG, max.	1/0
UL wire cross-section stranded AWG, min.	6
UL wire cross-section stranded AWG, max.	1/0
UL torque	35 Lb In
UL wire material	Cu
UL factory wiring	✓

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Media



EAC



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Media



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Accessories

Cover



Cover, Length: 50 mm, Width: 10 mm, Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2810.0	AD 1/50/B	4044211055387	20 PC

Insertion profile



Inlay plate, Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2274.0	EP 50	4044211050818	10 PC

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Accessories

End bracket



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST	4044211055547	50 PC

Allan key



Inner hex key with bare blade

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2818.0	ISKS 5	4044211055448	1 PC

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Accessories

Measurement pick-off terminal



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1121.2	MAG 50	4044211080914	10 PC

Insulated cross connector



External insulated cross-connector, No. of poles: 2,
Mounting type: Plug in, Width: 36.44 mm, Rated
current: 150 A; Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2763.2	AQI 2/50	4044211054939	5 PC

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Accessories

Insulated cross connector

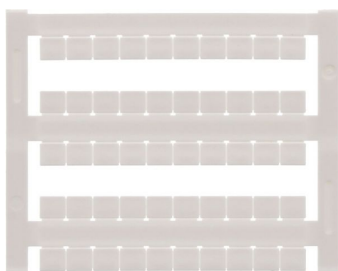


External insulated cross-connector, No. of poles: 3,
Mounting type: Plug in, Width: 57.04 mm, Rated
current: 150 A; Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2764.2	AQI 3/50	4044211054946	5 PC

Quick-marking



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 PC