

Data sheet

1120.6 RK 50 GR



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 50 mm², Width: 20 mm, Colour: Grey

RAL: 7030

Business data

Article number	1120.6
Article name	RK 50 GR
GTIN (EAN)	4044211127336
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	113 g
Weight per piece (including packaging)	123.6 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1120.2
Product description	Feed-through terminal

Data sheet

1120.6 RK 50 GR

Technical data

Dimensions

Length	79 mm
Width	20 mm
Height TS 35/7.5	76.5 mm
Height TS 32	82 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
Maximum power dissipation for nominal condition	4.8 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.	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.	6 Nm
Tightening torque, max.	8 Nm
Wire cross-section single-core (rigid) / stranded, AWGmax.	1/0
Wire cross-section single-core (rigid) / stranded, AWGmin.	6
Wire cross-section stranded, AWG max.	1/0
Wire cross-section stranded, AWG min.	6
Wire cross-section stranded with wire-end ferrules, AWG min.	6

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

Data sheet

1120.6 RK 50 GR



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
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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	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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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	150 A
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CSAus wire cross-section AWG, min.	6
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CSAus wire cross-section AWG, max.	1/0
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CSAus stripping length	27 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	150 A
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KEMA rated impulse voltage	8 kV
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KEMA wire cross-section single core (rigid), min.	16 mm ²
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KEMA wire cross-section single-core (rigid), max.	50 mm ²
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KEMA wire cross-section stranded, min.	25 mm ²
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KEMA wire cross-section stranded, max.	50 mm ²
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Approvals

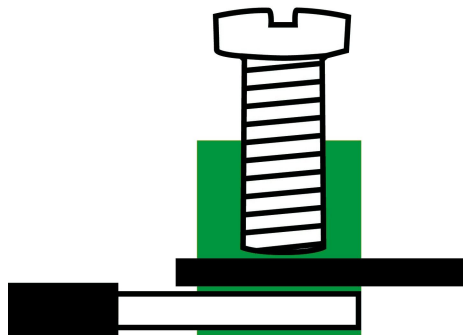
UL Recognized

UL approval	UL 1059
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	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	50 mm ²
DNV GL rated current	150 A
DNV GL rated voltage	600 V
DNV GL test standard	IEC 60947-7-1:2002

Media



Accessories

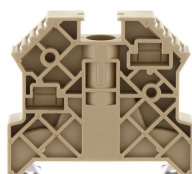
Cover



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2810.0</u>	AD 1/50/B YE	4044211055387	20 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

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
<u>1121.2</u>	MAG 50 BG	4044211080914	10 ST

Allen key socket wrench



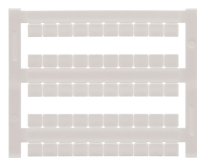
Inner hex key with bare blade

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2818.0</u>	ISKS 5	4044211055448	1 ST

Quick marking

Data sheet

1120.6 RK 50 GR



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>1121.2</u>	MAG 50 BG	4044211080914	10 ST