

Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Grey

RAL: 7030

Business data

Article number	<u>1578.6</u>
Article name	RK 6-10/35 GR
GTIN (EAN)	4044211126919
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	14.4 g
Weight per piece (including packaging)	15.21 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1578.2
Product description	Feed-through terminal

Technical data

Dimensions

Length	48 mm
Width	8 mm
Height TS 35/7.5	47 mm

Ratings

Rated voltage	800 V
Rated current	57 A
Rated cross-section	10 mm ²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.82 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.	0.2 mm ²
Wire cross-section single core (rigid)/stranded, max.	10 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	10 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	10 mm ²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	8
Stripping length	12 mm
Screw head	Slotted
Screw threading	M 4
Tightening torque, min.	1.2 Nm
Tightening torque, max.	2 Nm

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 rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A5
Number of cross-connection channels	1
End plate required	✓
Number of test pick-off options	1

Environmental Product Compliance

REACH Conform	Yes
REACH Reference date	2022-06-10
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	65 A
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CSA wire cross-section AWG, min.	22
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CSA wire cross-section AWG, max.	8
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CSA stripping length	12 mm
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CSA torque, max.	2 Nm
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CSA torque, min.	1.2 Nm
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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	65 A
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CSAus wire cross-section AWG, min.	22
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CSAus wire cross-section AWG, max.	8
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CSAus stripping length	12 mm
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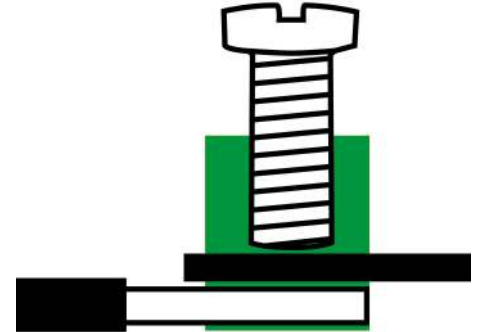
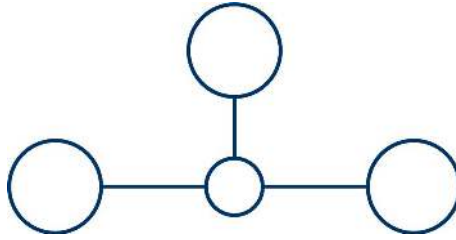
CSAus File Number	042110_0_000
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Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	800 V
KEMA rated current	57 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm ²
KEMA wire cross-section single-core (rigid), max.	10 mm ²
KEMA wire cross-section stranded, min.	0.2 mm ²
KEMA wire cross-section stranded, max.	10 mm ²
KEMA torque, min.	1.2 Nm
KEMA torque, max.	2 Nm

Media



Accessories

Cover



Cover, Length: 26.5 mm, Width: 8 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2966.0</u>	AD 1/8 WH	4044211056957	50 ST



Cover, Length: 32 mm, Width: 28 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2054.0</u>	AD 4/32/B YE	4044211048600	50 ST



Cover, Length: 32 mm, Width: 28 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2495.0</u>	AD 4/32/B/E YE	4044211052966	50 ST



Cover, Length: 26.5 mm, Width: 8 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2954.0</u>	AD 1/8/B YE	4044211056827	50 ST

End plate



End plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2001.2</u>	AP 2,5-10 BG	4044211047979	50

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

Cross-connector



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 30.3 mm, Rated cross-section: 10 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2062.0</u>	Q 4	4044211048686	20 ST



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 14.1 mm, Rated cross-section: 10 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2060.0</u>	Q 2	4044211048662	50 ST



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 78.9 mm, Rated cross-section: 10 mm², Colour: natural

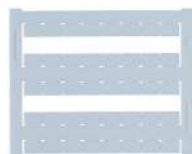
Article number	Article name	GTIN (EAN)	Packaging unit
<u>2063.0</u>	Q 10	4044211048693	10 ST



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 22.2 mm, Rated cross-section: 10 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2061.0</u>	Q 3	4044211048679	50 ST

Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 8 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
<u>9323.7</u>	PMC SB 8/40 WH	4044211129231	400 ST

Insulation plate



Insulation plate, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2003.2</u>	TRS 1 BG	4044211048068	100

Partition plate



Partition plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2002.2</u>	TW 2,5-10 BG	4044211048044	50

Test adapters



Test adapter, Length: 37.3 mm, Pitch size: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2817.0</u>	TA 8/1/ST	4044211055431	10 ST