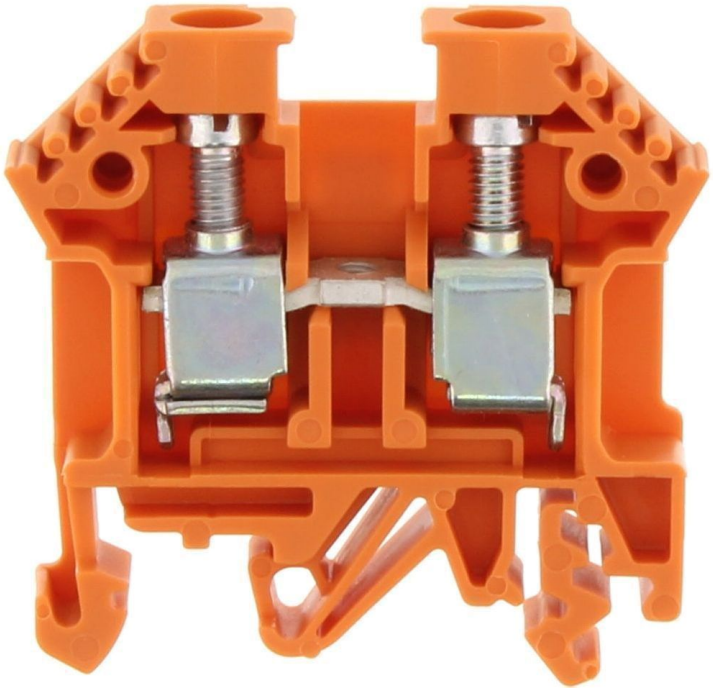
Data sheet

1005.3 RK 6-10 OG



Feed-through terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 10 mm², Width: 8 mm, Colour: Orange

Business data

Article number	1005.3
Article name	RK 6-10 OG
GTIN (EAN)	4044211001179
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	14.8 g
Weight per piece (including packaging)	15.45 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1005.2
Product description	Feed-through terminal

Data sheet

1005.3 RK 6-10 OG

Technical data

Dimensions	
Length	48 mm
Width	8 mm
Height TS 35/7.5	47 mm
Height TS 32	51.5 mm
Ratings	
Rated voltage	800 V
Rated current	57 A
Rated cross-section	10 mm²
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 mm²
Wire cross-section single core (rigid)/stranded, max.	10 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	10 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	10 mm²
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

Data sheet

1005.3 RK 6-10 OG

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 and TS 32
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
EAC approval granted	yes

CSA approval	
CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	600 V
CSA Usegroup C: rated current	55 A
CSA wire cross-section AWG, min.	22
CSA wire cross-section AWG, max.	10
CSA stripping length	12 mm
CSA torque, max.	2 Nm
CSA torque, min.	1.2 Nm
CSA File Number	042110_0_000

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 mm²
KEMA wire cross-section single-core (rigid), max.	10 mm²
KEMA wire cross-section stranded, min.	0.2 mm²
KEMA wire cross-section stranded, max.	10 mm²
KEMA torque, min.	1.2 Nm
KEMA torque, max.	2 Nm

Approvals

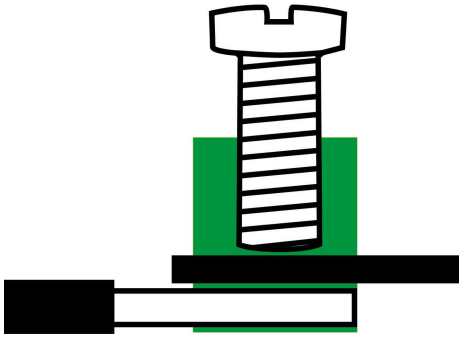
UL Recognized

UL approval	UL 1059
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	65 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	6
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	6
UL torque	12 Lb In
UL wire material	Cu
UL factory wiring	1
UL field 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	10 mm²
DNV GL rated current	61 A
DNV GL rated voltage	750 V
DNV GL test standard	IEC 60947-7-1:2002

Media



Accessories

Cover

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

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

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

Article number	Article name	GTIN (EAN)	Packaging unit
2054.0	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
2495.0	AD 4/32/B/E YE	4044211052966	50 ST

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

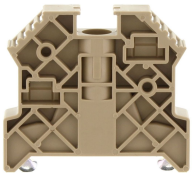
Article number	Article name	GTIN (EAN)	Packaging unit
2954.0	AD 1/8/B YE	4044211056827	50 ST

End plate

End plate, Width: 1.5 mm, Colour: Beige

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

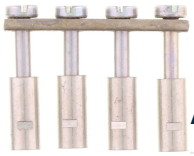
End stop



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

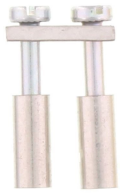
Article number	Article name	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST BG	4044211055547	50

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
2062.0	Q 4	4044211048686	20 ST

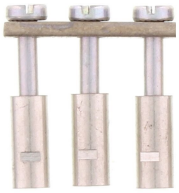


Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 14.1 mm, Rated cross-section: 10 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2060.0	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
2063.0	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
2061.0	Q 3	4044211048679	50 ST

Insulated cross-connector

Insulated cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 78.4 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2753.2	QI 10 YE	4044211054892	10 ST

Insulated cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 28.8 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2752.2	QI 4 YE	4044211054885	20 ST

Data sheet

1005.3 RK 6-10 OG

Insulated cross-connector

Insulated cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 13.6 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2750.2	QI 2 YE	4044211054861	50 ST

Insulated cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 21.7 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2751.2	QI 3 YE	4044211054878	50 ST

Quick marking

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

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

Screwdriver

Screwdriver with bare blade, Colour: Black-grey

Article number	Article name	GTIN (EAN)	Packaging unit
1087.0	SDB 0,8x4,0	4044211014803	1 ST

Test adapters

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

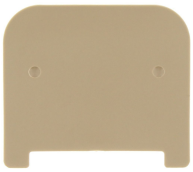
Article number	Article name	GTIN (EAN)	Packaging unit
2817.0	TA 8/1/ST	4044211055431	10 ST

Insulation plate

Insulation plate, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2003.2	TRS 1 BG	4044211048068	100

Partition plate



Partition plate, Width: 1.5 mm, Colour: Beige

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

##INVERSE##CONTA-CONNECT

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

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