

17161.2

SRK 70/2A BG

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Technical Data

Dimensions

Length	76.5 mm
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Width	20.5 mm
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Height TS 35/7.5	84 mm
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Ratings

Rated voltage	1000 V
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Rated current	192 A
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Current load, max.	232 A
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Rated cross-section	70 mm ²
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Rated impulse voltage	8 kV
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Overvoltage category	III
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Contamination degree	3
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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.	10 mm ²
Wire cross-section single core (rigid)/stranded, max.	95 mm ²
Wire cross-section stranded, min.	10 mm ²
Wire cross-section stranded, max.	70 mm ²
Wire cross-section stranded with wire-end ferrules, min.	10 mm ²
Wire cross-section stranded with wire-end ferrules, max.	70 mm ²
Wire cross-section AWG, min.	6
Wire cross-section AWG, max.	000
Stripping length	22 mm
Screw head	Inner hex (Allen)
Screw threading	M 8
Tightening torque, min.	6 Nm
Tightening torque, max.	12 Nm

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Materials

Insulation housing	Polyamide 6.6
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Flammability class UL 94	V-0
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Working temperature, min.	-40 °C
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Working temperature, max.	120 °C
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Further technical data

Mounting type	Mounting rail TS 35/7,5
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Gauge plug acc. to EN 60 947-1	B11
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Number of cross-connection channels	1
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Number of test pick-off options	1
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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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cUL Recognized

cUL Recognized	C22.2 No 158
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cUL Recognized	✓
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cUL Usegroup B: rated voltage	600 V
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cUL Usegroup B: rated current	205 A
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cUL Usegroup C: rated voltage	600 V
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cUL Usegroup D: rated voltage	600 V
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cUL Usegroup D: rated current	205 A
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cUL Usegroup E: rated voltage	1000 V
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cUL Usegroup E: rated current	205 A
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cUL wire cross-section single-core (rigid) AWG, min.	6
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cUL wire cross-section single-core (rigid) AWG, max.	3/0
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cUL wire cross-section stranded AWG, min.	6
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cUL wire cross-section stranded AWG, max.	3/0
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cUL torque, min.	6 Nm
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cUL torque, max.	12 Nm
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Approvals

cUL Recognized

cUL wire material	Cu
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KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
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KEMA KEUR approval granted	✓
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KEMA rated voltage	1000 V
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KEMA rated current	192 A
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KEMA rated impulse voltage	8 kV
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KEMA wire cross-section single core (rigid), min.	10 mm ²
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KEMA wire cross-section single-core (rigid), max.	95 mm ²
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KEMA wire cross-section stranded, min.	10 mm ²
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KEMA wire cross-section stranded, max.	95 mm ²
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KEMA torque, min.	6 Nm
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KEMA torque, max.	12 Nm
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Approvals

UL Recognized

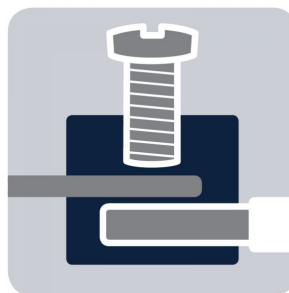
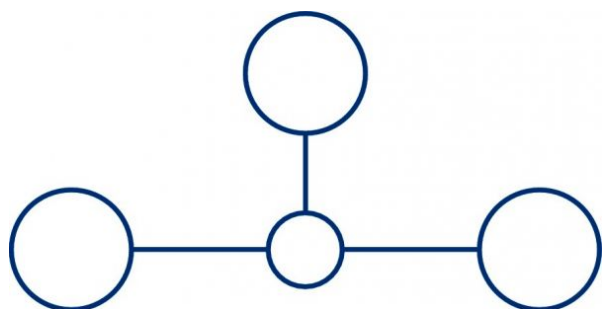
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	205 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	205 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	205 A
UL Usegroup E: rated voltage	1000 V
UL Usegroup E: rated current	205 A
UL wire cross-section single-core (rigid) AWG, min.	6
UL wire cross-section single-core (rigid) AWG, max.	3/0
UL wire cross-section stranded AWG, min.	6
UL wire cross-section stranded AWG, max.	3/0
UL torque, min.	53.1 Lb In.
UL torque, max.	106.2 Lb In.
UL wire material	Cu
UL factory wiring	✓
UL field wiring	✓

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Media



M8



EAC



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Accessories

Cover



Cover, Length: 55.5 mm, Width: 20 mm, Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17285.8	SAD 1/20/B	4044211205546	10 PC



Cover, Length: 55.5 mm, Width: 20 mm, Colour: White

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17286.7	SAD 1/20/B	4044211205553	10 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

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

Allan key



Inner hex key with bare blade

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2772.0	ISKS 6	4044211055028	1 PC

Cross connector



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 34.3 mm, Rated cross-section: 70 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17265.0	SQ 70/2	4044211186845	10 PC

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Accessories

Cross connector



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 54.8 mm, Rated cross-section: 70 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17266.0	SQ 70/3	4044211186852	10 PC



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 75.3 mm, Rated cross-section: 70 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17267.0	SQ 70/4	4044211186869	10 PC

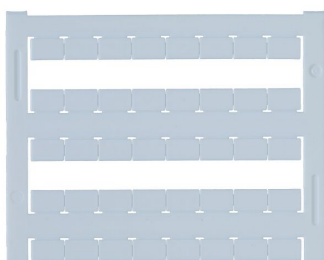
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Accessories

Quick-marking



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
9323.7	PMC SB 8/40 WH	4044211129231	400 PC
