

Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 16 mm<sup>2</sup>, Width: 12.1 mm, Colour: Beige

### Business data

Article number	<u>17124.2</u>
Article name	SRK 16/2A BG
GTIN (EAN)	4044211180942
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	27.9 g
Weight per piece (including packaging)	29.6 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	17124.2
Product description	Feed-through terminal

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### Technical data

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#### Dimensions

Length	53 mm
Width	12.1 mm
Height TS 35/7.5	55 mm

#### Ratings

Rated voltage	1000 V
Rated current	76 A
Current load, max.	101 A
Rated cross-section	16 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	2.43 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.	1.5 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	25 mm <sup>2</sup>
Wire cross-section stranded, min.	1.5 mm <sup>2</sup>
Wire cross-section stranded, max.	25 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules,min.	1 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules,max.	16 mm <sup>2</sup>
Wire cross-section AWG, min.	16
Wire cross-section AWG, max.	4
Stripping length	14 mm
Screw head	Slotted
Screw threading	M 5
Tightening torque, min.	2.5 Nm
Tightening torque, max.	3 Nm
Wire cross-section single-core (rigid) / stranded, AWGmax.	4
Wire cross-section single-core (rigid) / stranded, AWGmin.	16
Wire cross-section stranded, AWG max.	4
Wire cross-section stranded, AWG min.	16
Wire cross-section stranded with wire-end ferrules, AWG max.	6
Wire cross-section stranded with wire-end ferrules, AWG min.	16

#### Materials

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

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### Technical data

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#### Further technical data

Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A7
Number of cross-connection channels	2
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	80 A
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CSA wire cross-section AWG, min.	16
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CSA wire cross-section AWG, max.	4
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CSA torque, max.	3 Nm
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CSA torque, min.	2.5 Nm
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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	80 A
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CSAus wire cross-section AWG, min.	16
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CSAus wire cross-section AWG, max.	4
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CSAus torque, min.	2.5 Nm
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CSAus torque, max.	3 Nm
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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	76 A
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KEMA rated impulse voltage	8 kV
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KEMA wire cross-section single core (rigid), min.	1.5 mm <sup>2</sup>
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KEMA wire cross-section single-core (rigid), max.	16 mm <sup>2</sup>
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KEMA wire cross-section stranded, min.	1.5 mm <sup>2</sup>
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KEMA wire cross-section stranded, max.	16 mm <sup>2</sup>
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KEMA torque, min.	2.5 Nm
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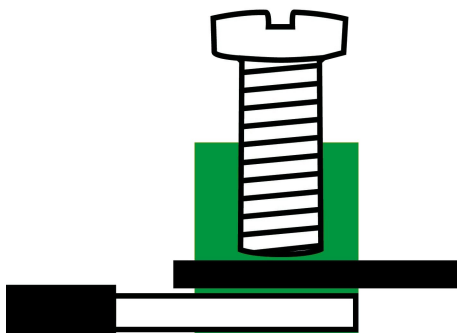
KEMA torque, max.	3 Nm
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### Approvals

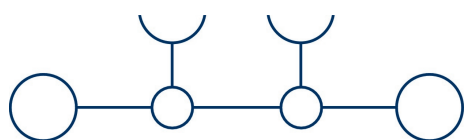
#### UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	80 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	80 A
UL wire cross-section single-core (rigid) AWG, min.	16
UL wire cross-section single-core (rigid) AWG, max.	4
UL wire cross-section stranded AWG, min.	16
UL wire cross-section stranded AWG, max.	4
UL torque, min.	22.1 Lb In.
UL torque, max.	26.5 Lb In.
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

### Media



EAC



### Accessories

#### Cover



Cover, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17248.7</u>	SAD 1/12/B WH	4044211181123	20 ST



Cover, Length: 33.25 mm, Width: 12 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17249.8</u>	SAD 1/12/B YE	4044211199210	20 ST

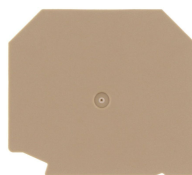
#### Measurement pick-off terminal



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 6 mm<sup>2</sup>, Width: 8.3 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17135.2</u>	SMAG 16/6 BG	4044211181093	10 ST

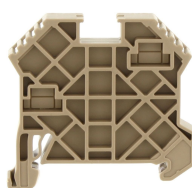
#### End plate



End plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17254.2</u>	SAP 16/2A BG	4044211181109	20

#### End stop



End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17250.2</u>	SES 35 BG	4044211178253	50



## 17124.2 SRK 16/2A BG

### Insulated cross-connector



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 20 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17247.8</u>	SQI 16/2 YE	4044211181116	20 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

### ##INVERSE##CONTA-CONNECT



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 6 mm<sup>2</sup>, Width: 8.3 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17135.2</u>	SMAG 16/6 BG	4044211181093	10 ST