

Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 5 mm, Colour: Beige

### Business data

Product description	Feed-through terminal
Explosion-proof version (EEx e)	✓
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	6.6
Weight per piece (including packaging)	7.11
Unit of weight	G
Customs number	85369010
Country of origin	DE

**17100.2**

**SRK 2,5/2A BG**

## Technical Data

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### Dimensions

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Length	48 mm
Width	5 mm
Height TS 35/7.5	47 mm

### Ratings

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Rated voltage	1000 V
Rated current	24 A
Current load, max.	32 A
Rated cross-section	2.5 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

### Technical Data

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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.	0.2 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm <sup>2</sup>
Wire cross-section AWG, min.	30
Wire cross-section AWG, max.	12
Stripping length	10 mm
Screw head	Slotted
Screw threading	M 2,5
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.8 Nm

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## Technical Data

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### Materials

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

### Further technical data

Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	2
End plate required	✓
Number of test pick-off options	1

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## Approvals

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### Standards and regulations

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Partial certification number	DEKRA 12ATEX0039 U
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IECEX certification number	IECEX DEK 12.0006U
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EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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### CSA approval

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CSA approval	C22.2 No 158
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CSA approval granted	✓
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CSA Usegroup C: rated voltage	600 V
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CSA Usegroup C: rated current	25 A
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CSA wire cross-section AWG, min.	30
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CSA wire cross-section AWG, max.	12
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CSA torque, max.	0.8 Nm
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CSA torque, min.	0.6 Nm
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## Approvals

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### CSAus approval

CSAus approval	UL 1059
CSAus approval granted	✓
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	25 A
CSAus wire cross-section AWG, min.	30
CSAus wire cross-section AWG, max.	12
CSAus torque, min.	0.6 Nm
CSAus torque, max.	0.8 Nm

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SRK 2,5/2A BG

## Approvals

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### cUL Recognized

cUL Recognized	C22.2 No 158
cUL Recognized	✓
cUL Usegroup B: rated voltage	600 V
cUL Usegroup B: rated current	25 A
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	25 A
cUL wire cross-section single-core (rigid) AWG, min.	30
cUL wire cross-section single-core (rigid) AWG, max.	12
cUL wire cross-section stranded AWG, min.	30
cUL wire cross-section stranded AWG, max.	12
cUL torque, min.	0.6 Nm
cUL torque, max.	0.8 Nm
cUL wire material	Cu

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## Approvals

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### German Lloyd approval

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GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	1000 V
GL rated current	32 A
GL rated cross-section	2.5 mm <sup>2</sup>
GL rated impulse voltage	8 kV
GL environmental category	C

### KEMA KEUR approval

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KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	1000 V
KEMA rated current	32 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	0.5 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.5 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>
KEMA torque, min.	0.6 Nm



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SRK 2,5/2A BG

## Approvals

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### KEMA KEUR approval

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KEMA torque, max.	0.8 Nm
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### UL Recognized

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UL Recognized	UL 1059
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UL Recognized granted	✓
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UL Usegroup B: rated voltage	600 V
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UL Usegroup B: rated current	25 A
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UL Usegroup C: rated voltage	600 V
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UL Usegroup C: rated current	25 A
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UL wire cross-section single-core (rigid) AWG, min.	30
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UL wire cross-section single-core (rigid) AWG, max.	12
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UL wire cross-section stranded AWG, min.	30
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UL wire cross-section stranded AWG, max.	12
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UL torque, min.	5.3 Lb In.
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UL torque, max.	7.1 Lb In.
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UL wire material	Cu
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UL factory wiring	✓
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UL field wiring	✓
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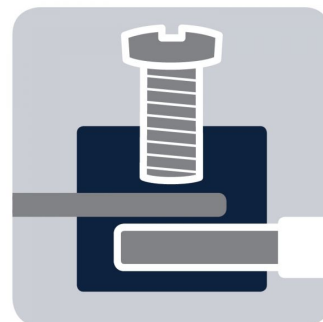
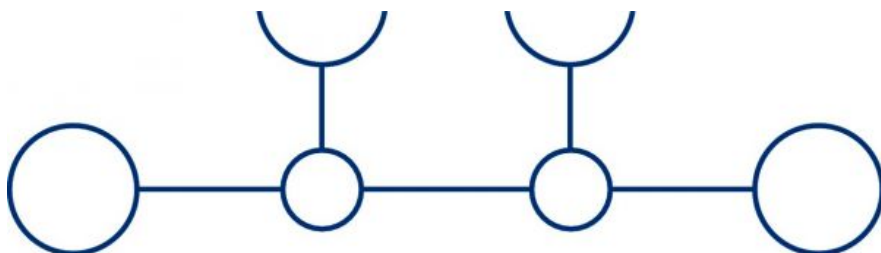
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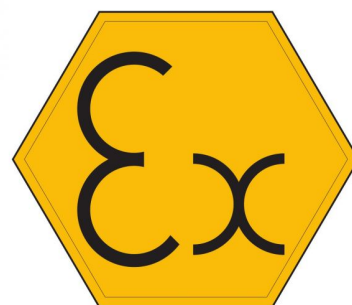
SRK 2,5/2A BG

Media

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**M2.5**



**EAC**



**CRA<sup>®</sup> US**

## 17100.2 SRK 2,5/2A BG

### Accessories

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#### Cover

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Cover, Width: 5 mm, Colour: Yellow

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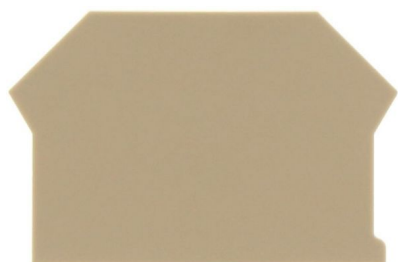
#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17295.8	SAD 1/5/B	4044211205430	50 PC

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#### End plate

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End plate, Width: 1.5 mm, Colour: Beige

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#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2001.2	AP 2,5-10	4044211047979	50 PC

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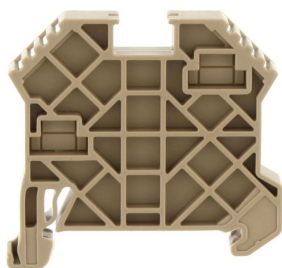
## 17100.2 SRK 2,5/2A BG

### Accessories

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#### End bracket

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

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#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17250.2	SES 35	4044211178253	50 PC

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#### Insulating cover for cross-connector

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Insulating cap, Colour: Yellow

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#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17200.8	SQIK 2,5-10	4044211148539	20 PC

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## 17100.2 SRK 2,5/2A BG

### Accessories

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#### Insulated cross connector

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Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 50.7 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17209.8	SQI 2,5/10	4044211148621	10 PC

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Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.9 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17201.8	SQI 2,5/2	4044211148546	50 PC

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## 17100.2 SRK 2,5/2A BG

### Accessories

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#### Insulated cross connector

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Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 15 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17202.8	SQI 2,5/3	4044211148553	50 PC

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Insulated cross-connector, No. of poles: 30, Mounting type: Plug in, Width: 152.7 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17210.8	SQI 2,5/30	4044211148638	5 PC

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## 17100.2 SRK 2,5/2A BG

### Accessories

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#### Insulated cross connector

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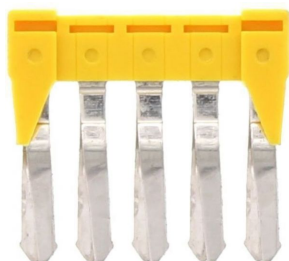


Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 20.1 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17203.8	SQI 2,5/4	4044211148560	20 PC

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Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 25.2 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17204.8	SQI 2,5/5	4044211148577	20 PC

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## 17100.2 SRK 2,5/2A BG

### Accessories

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#### Insulated cross connector

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Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 30.3 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17205.8	SQI 2,5/6	4044211148584	20 PC

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Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 35.4 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17206.8	SQI 2,5/7	4044211148591	20 PC

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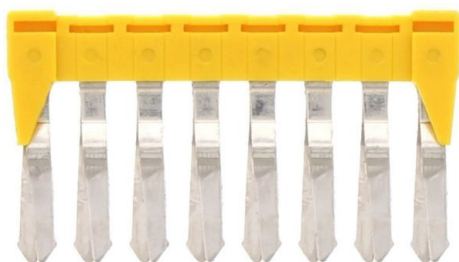
## 17100.2 SRK 2,5/2A BG

### Accessories

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#### Insulated cross connector

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Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 40.5 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17207.8	SQI 2,5/8	4044211148607	10 PC

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Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 45.6 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17208.8	SQI 2,5/9	4044211148614	10 PC

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17100.2

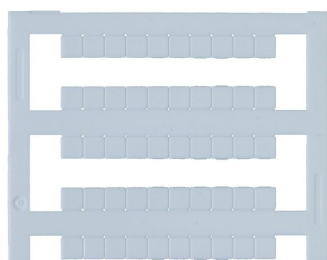
SRK 2,5/2A BG

## Accessories

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### Quick-marking

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4600.7	PMC SB 5/50 WH	4044211088903	500 PC

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### Screw driver

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Screwdriver with bare blade, Colour: Black-grey

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 PC

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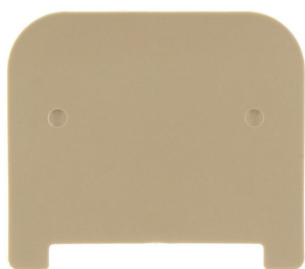
**17100.2**  
**SRK 2,5/2A BG**

## Accessories

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### Partition plate

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Partition plate, Width: 1.5 mm, Colour: Beige

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2002.2	TW 2,5-10	4044211048044	50 PC

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