

Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5 mm, Colour: Beige

Business data

Explosion-proof version (EEx e)	yes
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	6.6 g
Weight per piece (including packaging)	7.11 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	17100.2
Product description	Feed-through terminal

Technical data

Dimensions

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

Ratings

Rated voltage	1000 V
Rated current	24 A
Current load, max.	32 A
Rated cross-section	2.5 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	0.77 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.	0.2 mm ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
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

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

Data sheet

17100.2

SRK 2,5/2A BG



Technical data

Print

Colour	Beige
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Environmental Product Compliance

REACH Conform	yes
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REACH Reference date	2021-07-08
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REACH Candidate Substance Note	No
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RoHS Conform	yes
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Approvals

Standards and regulations

ATEX certification number	DEKRA 12ATEX0039 U
EAC approval	TR ZU 004/2011
EAC approval granted	yes
IECEX certification number	IECEX DEK 12.0006U

CSA approval

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

CSAus approval

CSAus approval	UL 1059
CSAus approval granted	yes
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

Approvals

cUL Recognized

cUL approval	C22.2 No 158
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
cUL Recognized	yes

German Lloyd approval

GL approval	IEC 60947-7-1:2009
GL approval granted	yes
GL rated voltage	1000 V
GL rated current	32 A
GL rated cross-section	2.5 mm ²
GL rated impulse voltage	8 kV
GL environmental category	C

Approvals

KEMA KEUR approval

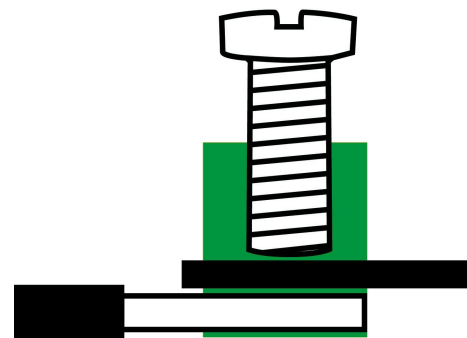
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	1000 V
KEMA rated current	32 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	0.5 mm ²
KEMA wire cross-section single-core (rigid), max.	4 mm ²
KEMA wire cross-section stranded, min.	0.5 mm ²
KEMA wire cross-section stranded, max.	4 mm ²
KEMA torque, min.	0.6 Nm
KEMA torque, max.	0.8 Nm

UL Recognized

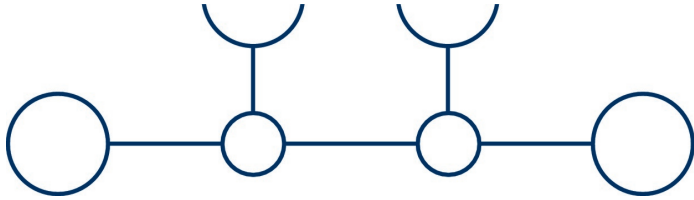
UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	25 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	25 A
UL wire cross-section single-core (rigid) AWG, min.	30
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG,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

Media

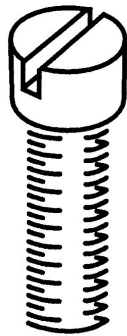
EAC



CSA[®] US



M2.5



17100.2

SRK 2,5/2A BG

Accessories

Cover

Cover, Width: 5 mm, Colour: Yellow

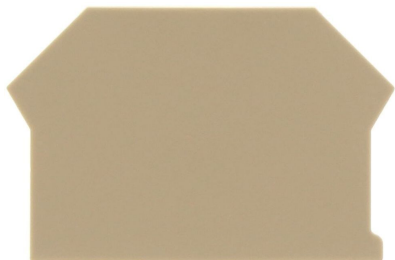


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Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17295.8	SAD 1/5/B YE	4044211205430	500 ST

End plate

End plate, Width: 1.5 mm, Colour: Beige



detail.dataSheet.generalOrderData

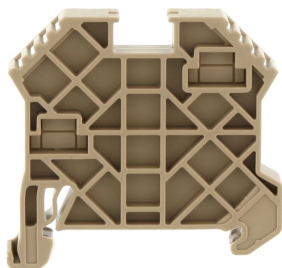
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2001.2	AP 2,5-10 BG	4044211047979	500 ST

17100.2

SRK 2,5/2A BG

Accessories

End stop



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

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17250.2	SES 35 BG	4044211178253	500 ST

Insulation cap for cross-connector



Insulating cap, Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17200.8	SQIK 2,5-10 YE	4044211148539	500 ST

17100.2

SRK 2,5/2A BG

Accessories

Insulated cross-connector



Insulated cross-connector, No. of poles: 4,
Mounting type: Plug in, Width: 20.1 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17203.8	SQI 2,5/4 YE	4044211148560	500 ST



Insulated cross-connector, No. of poles: 6,
Mounting type: Plug in, Width: 30.3 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17205.8	SQI 2,5/6 YE	4044211148584	500 ST



Insulated cross-connector, No. of poles: 9,
Mounting type: Plug in, Width: 45.6 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17208.8	SQI 2,5/9 YE	4044211148614	500 ST

17100.2

SRK 2,5/2A BG

Accessories

Insulated cross-connector



Insulated cross-connector, No. of poles: 30,
Mounting type: Plug in, Width: 152.7 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

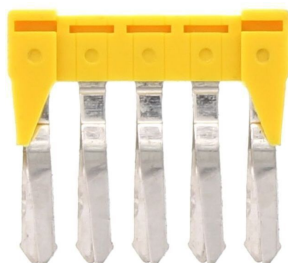
Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet
17210.8	SQI 2,5/30 YE	4044211148638	500 ST



Insulated cross-connector, No. of poles: 3,
Mounting type: Plug in, Width: 15 mm, Rated
cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet
17202.8	SQI 2,5/3 YE	4044211148553	500 ST



Insulated cross-connector, No. of poles: 5,
Mounting type: Plug in, Width: 25.2 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet
17204.8	SQI 2,5/5 YE	4044211148577	500 ST

17100.2

SRK 2,5/2A BG

Accessories

Insulated cross-connector



Insulated cross-connector, No. of poles: 2,
Mounting type: Plug in, Width: 9.9 mm, Rated
cross-section: 2.5 mm², Colour: Yellow

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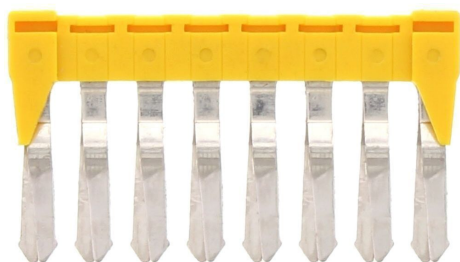
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17201.8	SQI 2,5/2 YE	4044211148546	500 ST



Insulated cross-connector, No. of poles: 7,
Mounting type: Plug in, Width: 35.4 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17206.8	SQI 2,5/7 YE	4044211148591	500 ST



Insulated cross-connector, No. of poles: 8,
Mounting type: Plug in, Width: 40.5 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17207.8	SQI 2,5/8 YE	4044211148607	500 ST 14

17100.2

SRK 2,5/2A BG

Accessories

Insulated cross-connector

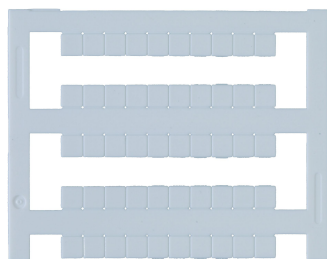


Insulated cross-connector, No. of poles: 10,
Mounting type: Plug in, Width: 50.7 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

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Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17209.8	SQI 2,5/10 YE	4044211148621	500 ST

Quick marking



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

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Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
4600.7	PMC SB 5/50 WH	4044211088903	500 ST

17100.2

SRK 2,5/2A BG

Accessories

Screwdriver

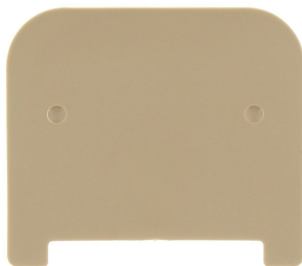


Screwdriver with bare blade, Colour: Black-grey

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Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
1085.0	SDB 0,5x3,0	4044211014643	500 ST

Partition plate



Partition plate, Width: 1.5 mm, Colour: Beige

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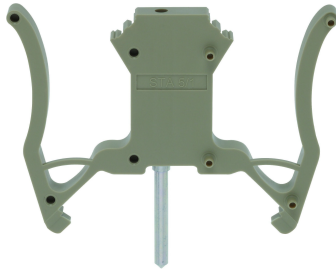
Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2002.2	TW 2,5-10 BG	4044211048044	500 ST

17100.2

SRK 2,5/2A BG

Accessories

Test adapters



Test adapter, Length: 70 mm, Pitch size: 5 mm, Colour: Beige

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17260.2	STA 5/1 BG	4044211171599	500 ST
