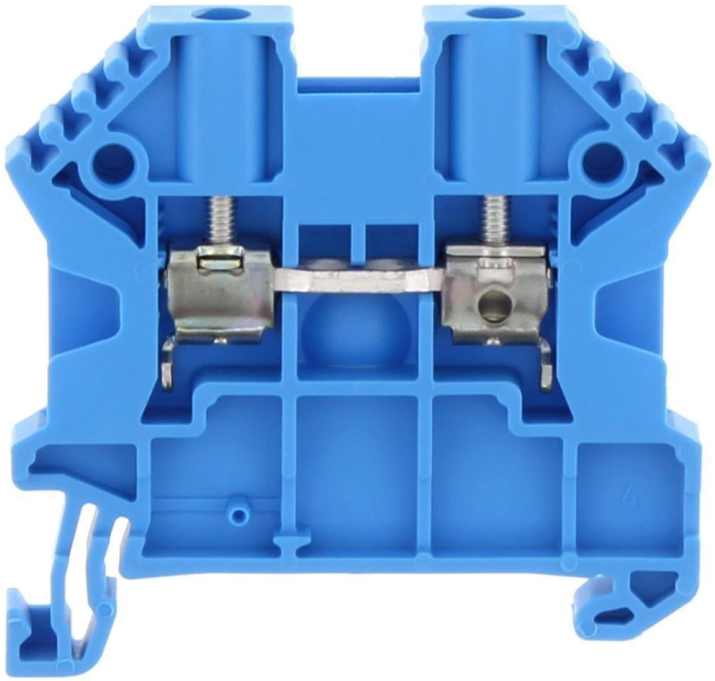
Data sheet

17100.5 SRK 2,5/2A BU



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

RAL: Ähnlich 5005

Business data

Article number	17100.5
Article name	SRK 2,5/2A BU
GTIN (EAN)	4044211148942
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

Data sheet

17100.5 SRK 2,5/2A BU

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 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	0.77 W

Data sheet

17100.5 SRK 2,5/2A BU

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 mm²
Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	4 mm²
Wire cross-section stranded with wire-end ferrules,min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules,max.	2.5 mm²
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
Wire cross-section single-core (rigid) / stranded, AWGmax.	12
Wire cross-section single-core (rigid) / stranded, AWGmin.	30
Wire cross-section stranded, AWG max.	12
Wire cross-section stranded, AWG min.	30
Wire cross-section stranded with wire-end ferrules, AWG max.	14
Wire cross-section stranded with wire-end ferrules, AWG min.	30

Materials

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

Technical data

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

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

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	1

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 mm²
KEMA wire cross-section single-core (rigid), max.	4 mm²
KEMA wire cross-section stranded, min.	0.5 mm²
KEMA wire cross-section stranded, max.	4 mm²
KEMA torque, min.	0.6 Nm
KEMA torque, max.	0.8 Nm

Approvals

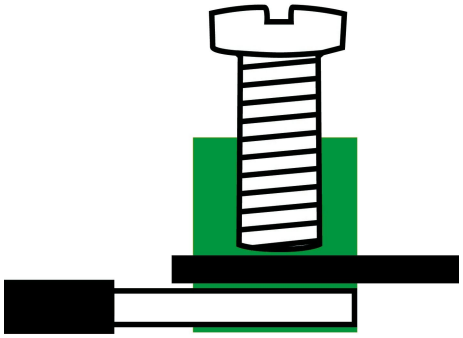
UL Recognized

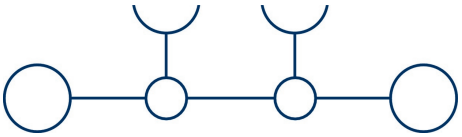
UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	25 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	25 A
UL wire cross-section single-core (rigid) AWG, min.	30
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, 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	1
UL field wiring	1
UL Recognized	1

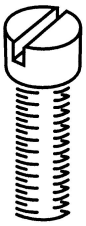
German Lloyd approval

DNV GL Certificate number	TAE00002JG
DNV GL Location Classes	Temperature: B, Humidity: B, Vibration: A
DNV GL approval granted	1
DNV GL rated cross-section	2.5 mm²
DNV GL rated current	32 A
DNV GL rated impulse voltage	8 kV
DNV GL rated voltage	1000 V
DNV GL test standard	IEC 60947-7-1:2009

Media







Accessories

Cover

Cover, Width: 5 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17295.8	SAD 1/5/B YE	4044211205430	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 and TS 35/15, Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17250.2	SES 35 BG	4044211178253	50

Insulation cap for cross-connector

Insulating cap, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17200.8	SQIK 2,5-10 YE	4044211148539	20

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

Article number	Article name	GTIN (EAN)	Packaging unit
17203.8	SQI 2,5/4 YE	4044211148560	20

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

Article number	Article name	GTIN (EAN)	Packaging unit
17205.8	SQI 2,5/6 YE	4044211148584	20

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

Article number	Article name	GTIN (EAN)	Packaging unit
17208.8	SQI 2,5/9 YE	4044211148614	10

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

Article number	Article name	GTIN (EAN)	Packaging unit
17210.8	SQI 2,5/30 YE	4044211148638	5

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

Article number	Article name	GTIN (EAN)	Packaging unit
17202.8	SQI 2,5/3 YE	4044211148553	50

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

Article number	Article name	GTIN (EAN)	Packaging unit
17204.8	SQI 2,5/5 YE	4044211148577	20

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

Article number	Article name	GTIN (EAN)	Packaging unit
17201.8	SQI 2,5/2 YE	4044211148546	50

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

Article number	Article name	GTIN (EAN)	Packaging unit
17206.8	SQI 2,5/7 YE	4044211148591	20

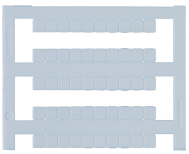
Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 40.5 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17207.8	SQI 2,5/8 YE	4044211148607	10

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

Article number	Article name	GTIN (EAN)	Packaging unit
17209.8	SQI 2,5/10 YE	4044211148621	10

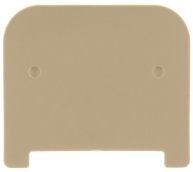
Quick marking



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

Article number	Article name	GTIN (EAN)	Packaging unit
4600.7	PMC SB 5/50 WH	4044211088903	500 ST

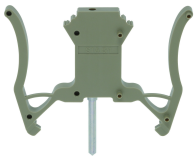
Partition plate



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

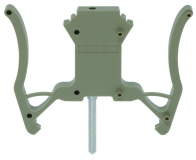
Test adapters



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

Article number	Article name	GTIN (EAN)	Packaging unit
17260.2	STA 5/1 BG	4044211171599	10 ST

##INVERSE##CONTA-CONNECT



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

Article number	Article name	GTIN (EAN)	Packaging unit
17260.2	STA 5/1 BG	4044211171599	10 ST