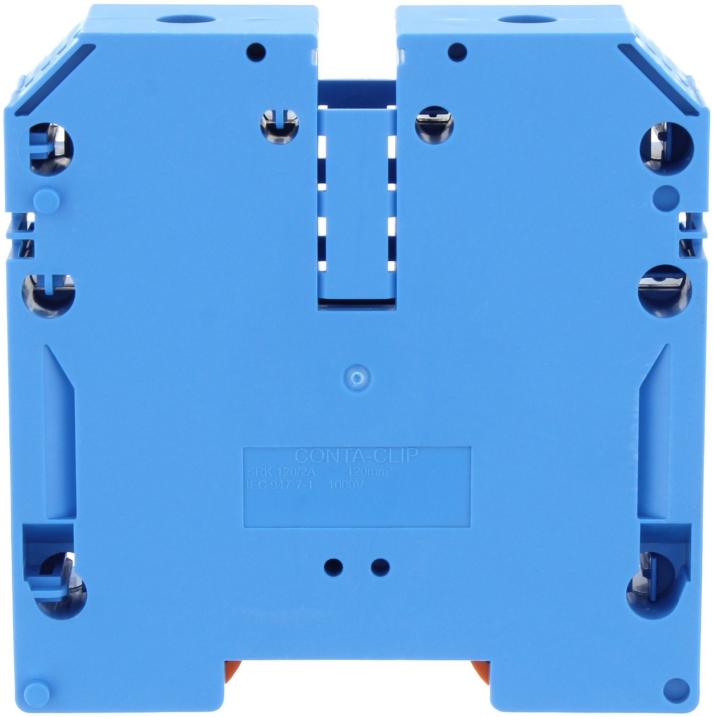
Data sheet

17165.5 SRK 120/2A BU



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 120 mm², Width: 27 mm, Colour: Blue

RAL: Ähnlich 5005

Business data

Article number	17165.5
Article name	SRK 120/2A BU
GTIN (EAN)	4044211189389
Packaging unit	5
Quantity unit	PC
Weight per piece (not including packaging)	280.7 g
Weight per piece (including packaging)	301.9 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	17165.2
Product description	Feed-through terminal

Data sheet

17165.5 SRK 120/2A BU

Technical data

Dimensions

Length	91 mm
Width	27 mm
Height TS 35/7.5	91 mm

Ratings

Rated voltage	1000 V
Rated current	269 A
Current load, max.	290 A
Rated cross-section	120 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	8.61 W

Data sheet

17165.5 SRK 120/2A 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.	16 mm²
Wire cross-section single core (rigid)/stranded, max.	150 mm²
Wire cross-section stranded, min.	16 mm²
Wire cross-section stranded, max.	120 mm²
Wire cross-section stranded with wire-end ferrules,min.	16 mm²
Wire cross-section stranded with wire-end ferrules,max.	95 mm²
Wire cross-section AWG, min.	4
Wire cross-section AWG, max.	0000
Stripping length	27 mm
Screw head	Inner hex (Allen)
Screw threading	M 10
Tightening torque, min.	12 Nm
Tightening torque, max.	20 Nm
Wire cross-section single-core (rigid) / stranded, AWGmax.	0000
Wire cross-section single-core (rigid) / stranded, AWGmin.	4
Wire cross-section stranded, AWG max.	0000
Wire cross-section stranded, AWG min.	4
Wire cross-section stranded with wire-end ferrules, AWG max.	0000
Wire cross-section stranded with wire-end ferrules, AWG min.	4

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	B13
Number of cross-connection channels	1
Number of test pick-off options	1

Technical data

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
EAC approval granted	yes

cUL Recognized

cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	600 V
cUL Usegroup B: rated current	228 A
cUL Usegroup C: rated voltage	600 V
cUL Usegroup D: rated voltage	600 V
cUL Usegroup D: rated current	228 A
cUL Usegroup E: rated voltage	1000 V
cUL Usegroup E: rated current	228 A
cUL wire cross-section single-core (rigid) AWG, min.	4
cUL wire cross-section single-core (rigid) AWG, max.	4/0
cUL wire cross-section stranded AWG, min.	4
cUL wire cross-section stranded AWG, max.	4/0
cUL torque, min.	12 Nm
cUL torque, max.	20 Nm
cUL wire material	Cu
cUL Recognized	1

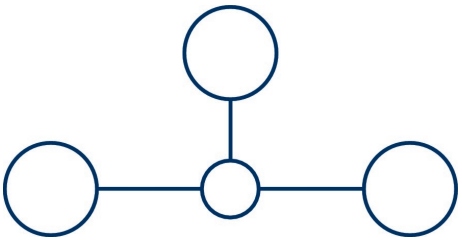
KEMA KEUR approval

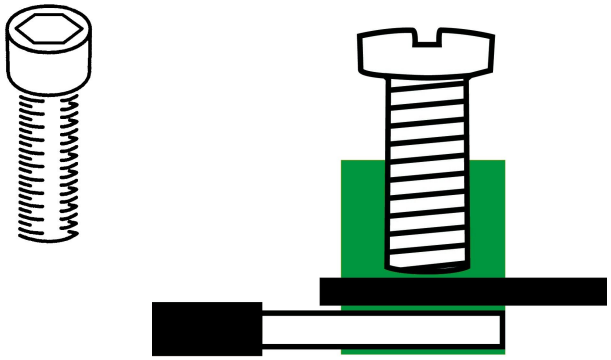
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	1000 V
KEMA rated current	269 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	16 mm²
KEMA wire cross-section single-core (rigid), max.	150 mm²
KEMA wire cross-section stranded, min.	16 mm²
KEMA wire cross-section stranded, max.	150 mm²
KEMA torque, min.	12 Nm
KEMA torque, max.	20 Nm

Approvals

UL Recognized	
UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	228 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	228 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	228 A
UL Usegroup E: rated voltage	1000 V
UL Usegroup E: rated current	228 A
UL wire cross-section single-core (rigid) AWG, min.	4
UL wire cross-section single-core (rigid) AWG, max.	4/0
UL wire cross-section stranded AWG, min.	4
UL wire cross-section stranded AWG, max.	4/0
UL torque, min.	106.2 Lb In.
UL torque, max.	177 Lb In.
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

Media





Accessories

Cover

Cover, Length: 70.2 mm, Width: 26.5 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
17290.7	SAD 1/27/B WH	4044211205560	5 ST

Cover, Length: 70.2 mm, Width: 26.5 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17291.8	SAD 1/27/B YE	4044211205577	5 ST

Measurement pick-off terminal

Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 10 mm², Width: 10 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
1125.2	MAG 150/240 BG	4044211080921	10 ST

Inlay profile

Inlay plate, Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2275.0	EP 95	4044211050825	10 ST

Allen key socket wrench

Inner hex key with bare blade

Article number	Article name	GTIN (EAN)	Packaging unit
2772.0	ISKS 6	4044211055028	1 ST

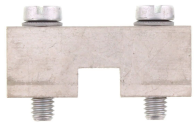
Cross-connector

Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 98 mm, Rated cross-section: 120 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
17280.0	SQ 120/4	4044211189488	10 ST

Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 71 mm, Rated cross-section: 120 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
17279.0	SQ 120/3	4044211189358	10 ST



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 44 mm, Rated cross-section: 120 mm², Colour: natural

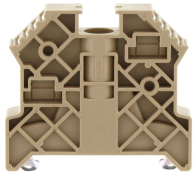
Article number	Article name	GTIN (EAN)	Packaging unit
17278.0	SQ 120/2	4044211189471	10 ST

Quick marking

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

Article number	Article name	GTIN (EAN)	Packaging unit
9323.7	PMC SB 8/40 WH	4044211129231	400 ST

End stop



End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST BG	4044211055547	50

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