

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

Business data

Article number	<u>17165.2</u>
Article name	SRK 120/2A BG
GTIN (EAN)	4044211189372
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

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 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	8.61 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.	16 mm ²
Wire cross-section single core (rigid)/stranded, max.	150 mm ²
Wire cross-section stranded, min.	16 mm ²
Wire cross-section stranded, max.	120 mm ²
Wire cross-section stranded with wire-end ferrules,min.	16 mm ²
Wire cross-section stranded with wire-end ferrules,max.	95 mm ²
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, yes
REACH Reference date	2023-06-14, 2024-06-27, 2024-06-27
REACH Candidate Substance Note	No
RoHS Conform	Yes, 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 File Number	E95701
-----------------	--------

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 mm ²
---	--------------------

KEMA wire cross-section single-core (rigid), max.	150 mm ²
---	---------------------

KEMA wire cross-section stranded, min.	16 mm ²
--	--------------------

KEMA wire cross-section stranded, max.	150 mm ²
--	---------------------

KEMA torque, min.	12 Nm
-------------------	-------

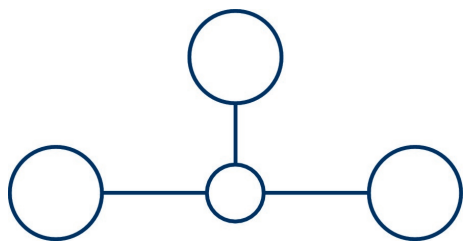
KEMA torque, max.	20 Nm
-------------------	-------

Approvals

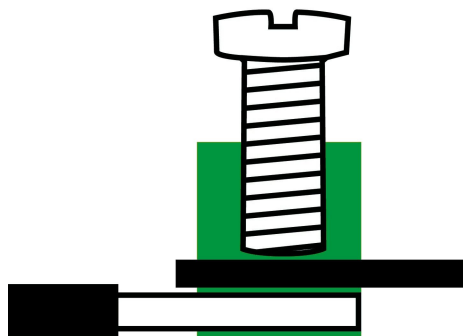
UL Recognized

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 File Number	E95701
UL Recognized	1

Media



M10



Accessories

Cover

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



Article number	Article name	GTIN (EAN)	Packaging unit
<u>17290.7</u>	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
<u>17291.8</u>	SAD 1/27/B YE	4044211205577	5 ST

Measurement pick-off terminal

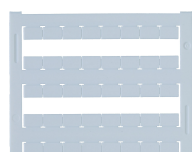
Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 10 mm², Width: 10 mm, Colour: Beige



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

Allen key socket wrench



Inner hex key with bare blade

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2772.0</u>	ISKS 6	4044211055028	1 ST

Cross-connector



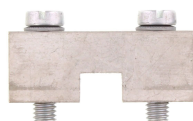
Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 98 mm, Rated cross-section: 120 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17280.0</u>	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
<u>17279.0</u>	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
<u>17278.0</u>	SQ 120/2	4044211189471	10 ST