Data sheet

17120.2 SMAG 4/2,5 BG



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 2.5 mm², Width: 5.9 mm, Colour: Beige

Business data

Article number	17120.2
Article name	SMAG 4/2,5 BG
GTIN (EAN)	4044211172107
Colour	Beige
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	6.1 g
Weight per piece (including packaging)	7.1 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Measurement pick-off terminal

Data sheet

17120.2 SMAG 4/2,5 BG

Technical data

Dimensions

Length	37.8 mm
Length TS 35/7.5	86.1 mm
Width	5.9 mm
Widthe TS 35/7.5	6.1 mm
Height	26.7 mm
Height TS 35/7.5	53 mm

Ratings

Rated voltage	800 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

Connection data

Connection principle	Screw connection
Connections	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.	22
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

Data sheet

17120.2 SMAG 4/2,5 BG

Technical data

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	On base
Gauge plug acc. to EN 60 947-1	A3

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

Data sheet

17120.2 SMAG 4/2,5 BG

Approvals

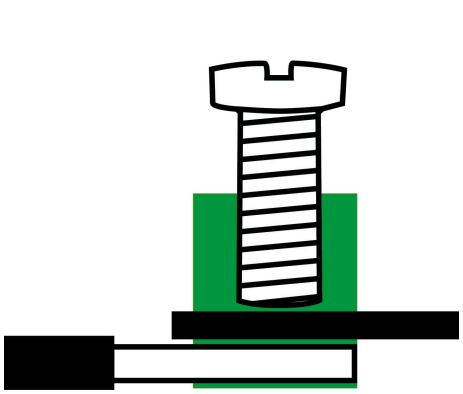
Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes

Data sheet

17120.2 SMAG 4/2,5 BG

Media

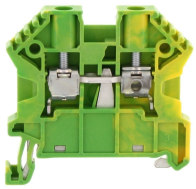






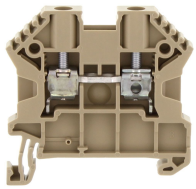
Accessories

Terminal blocks



Protective earth terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6 mm, Colour: Green-yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17107.2	SSL 4/2A GNYE	4044211141721	100 ST



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17104.2	SRK 4/2A BG	4044211141691	100

Screwdriver



Screwdriver with bare blade, Colour: Black-grey

Article number	Article name	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 ST

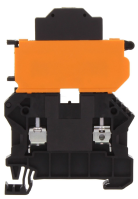
Quick marking



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

##INVERSE##CONTA-CONNECT



Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
17172.4	SSIK 4/2A/LED 30-60V AC/DC BK	4044211180447	25 ST

Data sheet

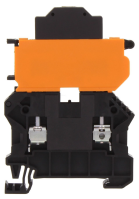
17120.2 SMAG 4/2,5 BG

##INVERSE##CONTA-CONNECT



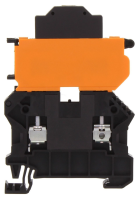
Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
17150.4	SSIK 4/2A BK	4044211179816	50 ST



Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
17171.4	SSIK 4/2A/LED 12-30V AC/DC BK	4044211180430	25 ST



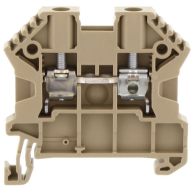
Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
17173.4	SSIK 4/2A/LED 110-250V AC/DC BK	4044211180454	25 ST



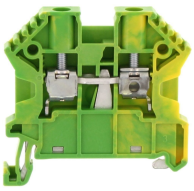
Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
17174.4	SSIK 4/2A/LED 500V AC/DC BK	4044211180461	25 ST



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17106.2	SRK 4/2A/Z BG	4044211141714	100 ST



Protective earth terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6 mm, Colour: Green-yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17107.2	SSL 4/2A GNYE	4044211141721	100 ST



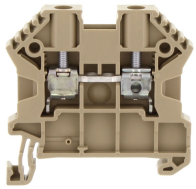
Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6 mm, Colour: Black-yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17155.2	SRK 4/2A/PE BKYE	4044211186692	100 ST

Data sheet

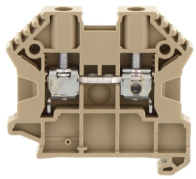
17120.2 SMAG 4/2,5 BG

##INVERSE##CONTA-CONNECT



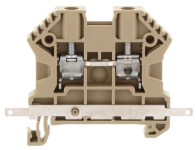
Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17104.2	SRK 4/2A BG	4044211141691	100



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17105.2	SRK B 4/2A BG	4044211141707	100 ST



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17116.2	SRK 4/2A SAS BG	4044211148980	80