Data sheet

17121.2 SMAG 6/4 BG



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 4 mm², Width: 6.6 mm, Colour: Beige

Business data

Article number	17121.2
Article name	SMAG 6/4 BG
GTIN (EAN)	4044211172114
Colour	Beige
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	7.3 g
Weight per piece (including packaging)	8.3 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Measurement pick-off terminal

Data sheet

17121.2 SMAG 6/4 BG

Technical data

Dimensions

Length	38.5 mm
Length TS 35/7.5	87.5 mm
Width	6.6 mm
Widthe TS 35/7.5	8.1 mm
Height	29.2 mm
Height TS 35/7.5	55.5 mm

Ratings

Rated voltage	800 V
Rated current	24 A
Current load, max.	32 A
Rated cross-section	4 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.	6 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	6 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	4 mm²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	11
Stripping length	10 mm
Screw head	Slotted
Screw threading	M 3
Tightening torque, min.	0.5 Nm
Tightening torque, max.	1 Nm

Data sheet

17121.2 SMAG 6/4 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	A4

Environmental Product Compliance

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

Data sheet

17121.2 SMAG 6/4 BG

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes

Data sheet

17121.2 SMAG 6/4 BG

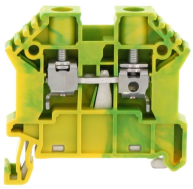
Media



Data sheet
17121.2 SMAG 6/4 BG

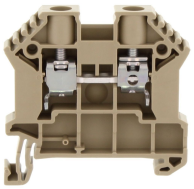
Accessories

Terminal blocks



Protective earth terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Green-yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17111.2	SSL 6/2A GNYE	4044211141769	100 ST



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17108.2	SRK 6/2A BG	4044211141738	100

Screwdriver



Screwdriver with bare blade, Colour: Black-grey

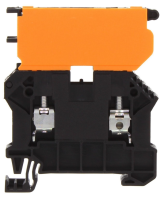
Article number	Article name	GTIN (EAN)	Packaging unit
1086.0	SDB 0,6x3,5	4044211014797	1 ST

Quick marking

Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 ST

##INVERSE##CONTA-CONNECT



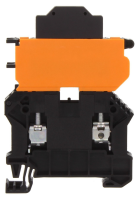
Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm², Width: 8.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
17151.4	SSIK 6/2A BK	4044211188993	50 ST

Data sheet

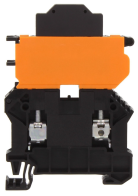
17121.2 SMAG 6/4 BG

##INVERSE##CONTA-CONNECT



Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm², Width: 8.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
17176.4	SSIK 6/2A/LED 30-60V AC/DC BK	4044211188931	50 ST



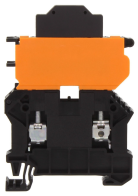
Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm², Width: 8.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
17178.4	SSIK 6/2A/LED 500V AC/DC BK	4044211188948	50 ST



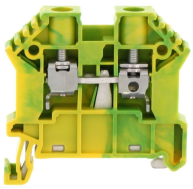
Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm², Width: 8.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
17175.4	SSIK 6/2A/LED 12-30V AC/DC BK	4044211188924	50 ST



Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm², Width: 8.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
17177.4	SSIK 6/2A/LED 110-250V AC/DC BK	4044211188955	50 ST



Protective earth terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Green-yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17111.2	SSL 6/2A GNYE	4044211141769	100 ST



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Black-yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17132.2	SRK 6/2A/PE BKYE	4044211200718	100 ST



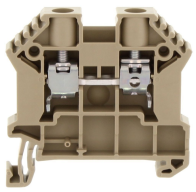
Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17109.2	SRK B 6/2A BG	4044211141745	100 ST

Data sheet

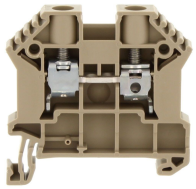
17121.2 SMAG 6/4 BG

##INVERSE##CONTA-CONNECT



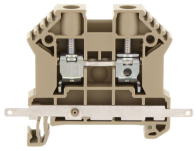
Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17108.2	SRK 6/2A BG	4044211141738	100



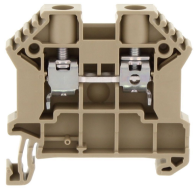
Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17110.2	SRK 6/2A/Z BG	4044211141752	100 ST



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17117.2	SRK 6/2A SAS BG	4044211149000	80



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
87805.2	SRK 6/2A Ex BG	4044211199777	100