

Data sheet

27207.0 SVBKA 16 LG



Screw-distributor block, Screw connection, Mounting type: Mounting rail TS 35/7.5 and mounting surface, Rated cross-section of input: 16 mm², Rated cross-section of output: 16 mm², Colour: Light grey

RAL: 9018

Business data

Article number	27207.0
Article name	SVBKA 16 LG
GTIN (EAN)	4044211218423
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	43 g
Weight per piece (including packaging)	44 g
Unit of weight	G
Customs number	85369010
Country of origin	EU
Product description	Screw-type distribution block

Technical data

Dimensions

Length	44.6 mm
Width	13.5 mm
Height	39.5 mm
Height TS 35/7.5	42.5 mm

Ratings

Rated voltage AC	1000 V
Rated voltage DC	1000 V
Rated current Cu	82 A
Rated current Al	75 A
Input: rated cross section	16 mm ²
Output: rated cross section	16 mm ²
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	2.624 W

Technical data

Connection data

Connection principle	Screw connection
Connections	2
Number of inputs	1
Number of outputs	1
Input: wire cross-section rigid, min.	1.5 mm ²
Input: wire cross-section rigid, max.	16 mm ²
Input: wire cross-section stranded, min.	1.5 mm ²
Input: wire cross-section stranded, max.	10 mm ²
Input: wire cross-section stranded, with wire-end ferrules, min.	1.5 mm ²
Input: wire cross-section stranded, with wire-end ferrules, max.	10 mm ²
Input: wire cross-section rigid AWG, min.	25
Input: wire cross-section rigid AWG, max.	4,5
Input: wire cross-section stranded AWG, min.	25
Input: wire cross-section stranded AWG, max.	7
Input: wire cross-section stranded, with wire-end ferrules AWG, min.	25
Input: wire cross-section stranded, with wire-end ferrules AWG, max.	7
Input: stripping length	13 mm
Input: screw head	Inner hex (Allen)
Input: torque, min.	1.5 Nm
Input: torque, max.	7 Nm
Output: wire cross-section rigid, min.	1.5 mm ²
Output: wire cross-section rigid, max.	16 mm ²
Output: wire cross-section stranded, min.	1.5 mm ²
Output: wire cross-section stranded, max.	10 mm ²
Output: wire cross-section stranded, with wire-end ferrules, min.	1.5 mm ²
Output: wire cross-section stranded, with wire-end ferrules, max.	10 mm ²
Output: wire cross-section rigid AWG, min.	15
Output: wire cross-section rigid AWG, max.	6
Output: wire cross-section stranded AWG, min.	15
Output: wire cross-section stranded AWG, max.	8
Output: wire cross-section stranded, with wire-end ferrules AWG, min.	15
Output: wire cross-section stranded, with wire-end ferrules AWG, max.	8
Output: stripping length	13 mm
Output: screw head	Inner hex (Allen)
Output: torque, min.	1.5 Nm
Output: torque, max.	7 Nm

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	Mounting rail TS 35/7.5 and mounting surface
Degree of protection	IP20 (for largest wire cross-section)

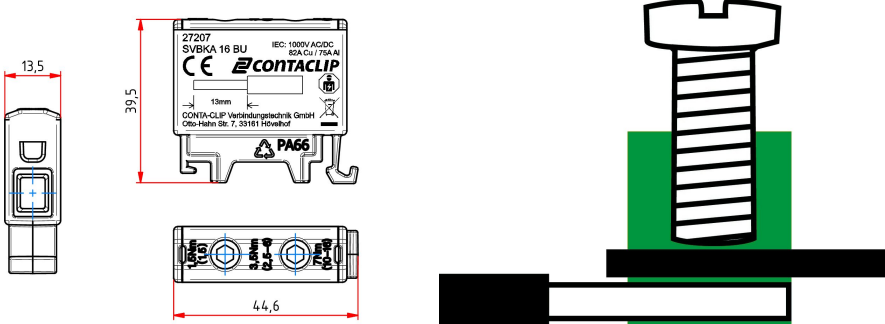
Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14, 2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

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Media



Accessories

End stop



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2005.2</u>	ES 35 BG	4044211048082	50
