



Screw-distributor block, Screw connection, Mounting type: Mounting rail TS 35/7.5 and mounting surface, Rated cross-section of input: 50 mm², Rated cross-section of output: 50 mm², Colour: Light grey

RAL: 9018

Business data

Article number	27209.0
Article name	SVBKA 50 LG
GTIN (EAN)	4044211218485
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	40 g
Weight per piece (including packaging)	41.4 g
Unit of weight	G
Customs number	85369010
Country of origin	EU
Product description	Screw-type distribution block

Technical data

Dimensions

Length	49 mm
Width	18 mm
Height	43 mm
Height TS 35/7.5	46 mm

Ratings

Rated voltage AC	1000 V
Rated voltage DC	1000 V
Rated current Cu	160 A
Rated current Al	145 A
Input: rated cross section	50 mm ²
Output: rated cross section	50 mm ²
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	5.12 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.	50 mm ²
Input: wire cross-section stranded, min.	1.5 mm ²
Input: wire cross-section stranded, max.	35 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.	35 mm ²
Input: wire cross-section rigid AWG, min.	25
Input: wire cross-section rigid AWG, max.	1
Input: wire cross-section stranded AWG, min.	25
Input: wire cross-section stranded AWG, max.	2
Input: wire cross-section stranded, with wire-end ferrules AWG, min.	25
Input: wire cross-section stranded, with wire-end ferrules AWG, max.	2
Input: stripping length	15 mm
Input: screw head	Inner hex (Allen)
Input: torque, min.	1.5 Nm
Input: torque, max.	10 Nm
Output: wire cross-section rigid, min.	1.5 mm ²
Output: wire cross-section rigid, max.	50 mm ²
Output: wire cross-section stranded, min.	2.5 mm ²
Output: wire cross-section stranded, max.	35 mm ²
Output: wire cross-section stranded, with wire-end ferrules, min.	2.5 mm ²
Output: wire cross-section stranded, with wire-end ferrules, max.	35 mm ²
Output: wire cross-section rigid AWG, min.	15
Output: wire cross-section rigid AWG, max.	1
Output: wire cross-section stranded AWG, min.	13
Output: wire cross-section stranded AWG, max.	2
Output: wire cross-section stranded, with wire-end ferrules AWG, min.	13
Output: wire cross-section stranded, with wire-end ferrules AWG, max.	2
Output: stripping length	15 mm
Output: screw head	Inner hex (Allen)
Output: torque, min.	1.5 Nm
Output: torque, max.	10 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)

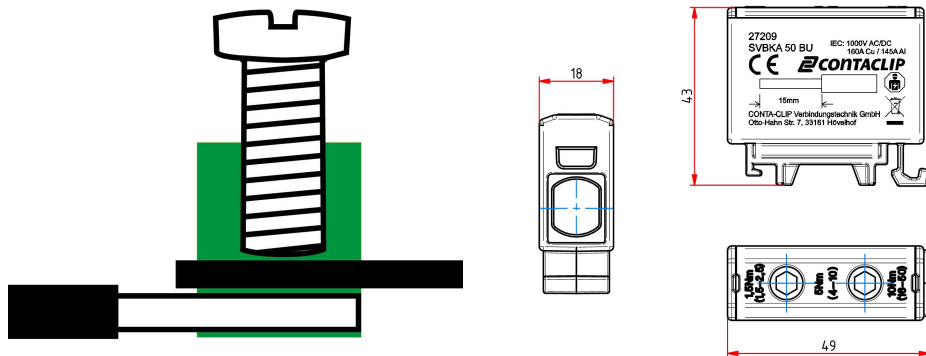
Environmental Product Compliance

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

Data sheet

27209.0 SVBKA 50 LG

Media



Accessories

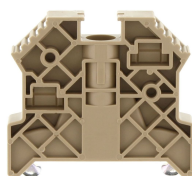
Cover



Touch protection, Length: 31.5 mm, Width: 14 mm, Colour: Light grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>27213.0</u>	BS-SVBKA 50 LG	4044211218607	10 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
<u>2828.0</u>	ES 35/K/ST BG	4044211055547	50