CONTACLIP

DISTRIBUTION BLOCKS AU/CU - SVBA

SVBA

27200.0
SVBA 85A, Distribution block 80A for Cu/Al cables



- IP20 protection (SVBA 1100A: IP10)
- Foot base can be snapped on TS 35 DIN rail or suitable for direct mounting
- Built-in adjustable phase marking (not for SVBA 1100A)
- Interchangeable markings for N, PE, DC + etc. (not for SVBA 1100A)
- Suitable for copper and aluminum conductors

PRODUCT DESCRIPTION

The SVBA screw-distributor block makes it possible to distribute potential and power in a compact space without any additional accessories. You can use the distributor block to establish an electromechanical connection between a wire with a large cross-section and one or more wires with small cross-sections. They can be used in installation and distribution board construction and also in controller construction for machinery. The SVBA blocks are mounted by snapping them on to TS 35 DIN rails. They can also be attached directly to a mounting plate using the screw flange located on the side of the housing. The individual blocks can be simply clicked together using a plastic connecting clip.
The SVBA blocks are suitable for aluminum and copper cables from 1.5 to 500 mm². They can be easily encoded using the exchangeable colour-coded marking plates for the N, PE, phases (plates are included in delivery). In addition, the built-in adjustable phase tag makes it easy to display which phase is applied to the block.

SPECIFICATIONS

Color	Dark grey
Operating voltage	1000 V AC
Rated voltage	1500 V DC
Rated current aluminium	63 A
Rated current copper	80 A
SCCR rating	10 kV
Mounting	TS 35/7,5 and direct mount
Overvoltage category	III
Contamination degree	3
Approvals	UL

Length	89.5 mm

Width	36 mm
Height TS 35/7.5	52 mm
Height	49 mm
IP Class	IP20

Connections	7
Number of inputs A	1
Input A: diameter	10.5 mm
Input A: rated cross-section	25 mm²
Input A: wire cross-section rigid, min.	2.5 mm²
Input A: wire cross-section rigid, max.	25 mm²
Input A: wire cross-section stranded, min.	2.5 mm²
Input A: wire cross-section stranded, max.	25 mm²
Input A: wire cross-section with wire-end ferrules, min.	2.5 mm²
Input A: wire cross-section with wire-end ferrules, max.	25 mm²
Input A: stripping length	20 mm
Input A: screw head	Allen key
Input A: torque, max.	3.5
Number of outputs A	6
Output A: diameter	4.4 mm
Output A: rated cross-section	10 mm²
Output A: wire cross-section rigid, min.	2.5 mm²
Output A: wire cross-section rigid, max.	10 mm²
Output A: wire cross-section stranded, min.	2.5 mm²
Output A: wire cross-section stranded, max.	6 mm²
Output A: wire cross-section stranded with wire-end ferrules, min.	2.5 mm²
Output A: wire cross-section stranded with wire-end ferrules, max.	6 mm²
Output A: stripping length	10 mm
Output A: screw head	Allen key
Output A: torque, max.	2

Insulation Material	Polyamide 6.6

Flamklass	UL94-V0
Operating temperature from	-40 °C
Operating temperature to	120 °C

Rated Voltage To UL	1000 V
UL test standard	UL 1953

Tariff code	85369010
Country of origin	EEC
Weight	124 g
Pack Size	1