

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

Approvals	UL
Color	Dark grey
Connections	7
Contamination degree	3
Country of origin	EEC
Flamklass	UL94-V0
Height	49 mm
Height TS 35/7.5	52 mm
Input A: diameter	10.5 mm
Input A: rated cross-section	25 mm ²

Input A: screw head	Allen key
Input A: stripping length	20 mm
Input A: torque, max.	3.5
Input A: wire cross-section rigid, max.	25 mm ²
Input A: wire cross-section rigid, min.	2.5 mm ²
Input A: wire cross-section stranded, max.	25 mm ²
Input A: wire cross-section stranded, min.	2.5 mm ²
Input A: wire cross-section with wire-end ferrules, max.	25 mm ²
Input A: wire cross-section with wire-end ferrules, min.	2.5 mm ²
Insulation Material	Polyamide 6.6
IP Class	IP20
Length	89.5 mm
Mounting	TS 35/7,5 and direct mount
Number of inputs A	1
Number of outputs A	6
Operating temperature from	-40 °C
Operating temperature to	120 °C
Operating voltage	1000 V AC
Output A: diameter	4.4 mm
Output A: rated cross-section	10 mm ²
Output A: screw head	Allen key
Output A: stripping length	10 mm
Output A: torque, max.	2
Output A: wire cross-section rigid, max.	10 mm ²
Output A: wire cross-section rigid, min.	2.5 mm ²
Output A: wire cross-section stranded with wire-end ferrules, max.	6 mm ²
Output A: wire cross-section stranded with wire-end ferrules, min.	2.5 mm ²
Output A: wire cross-section stranded, max.	6 mm ²
Output A: wire cross-section stranded, min.	2.5 mm ²
Overvoltage category	III
Pack Size	1
Rated current aluminium	63 A

Rated current copper	80 A
Rated voltage	1500 V DC
Rated Voltage To UL	1000 V
SCCR rating	10 kV
Tariff code	85369010
UL test standard	UL 1953
Weight	124 g
Width	36 mm