

## DISTRIBUTION BLOCKS AU/CU - SVBA

### SVBA

27206.0

SVBA 1100A, Distribution block 1100A 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 mm<sup>2</sup>. 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.

## TECHNICAL DATA

### GENERAL DATA

Rated current copper	1100 A
Rated current aluminium	900 A
Rated voltage V AC	1000 V AC
Rated voltage V DC	1500 V DC
Mounting	Direct mount
Overvoltage category	III
Contamination degree	3
Colour	Light grey
IP class	IP10

Short-circuit current resistance ICW over 1s	60 kA
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## CONNECTION DATA

Connections	3
Number of inputs A	1
Input A: rated cross-section	500 mm <sup>2</sup>
Input A: diameter	40 mm
Input A: wire cross-section rigid, min.	95 mm <sup>2</sup>
Input A: wire cross-section rigid, max.	500 mm <sup>2</sup>
Input A: wire cross-section stranded, min.	95 mm <sup>2</sup>
Input A: wire cross-section stranded, max.	500 mm <sup>2</sup>
Input A: wire cross-section with wire-end ferrules, min.	95 mm <sup>2</sup>
Input A: wire cross-section with wire-end ferrules, max.	500 mm <sup>2</sup>
Input A: stripping length	68 mm
Input A: screw head	Allen key
Input A: torque, max.	80
Number of outputs A	2
Output A: rated cross-section	300 mm <sup>2</sup>
Output A: diameter	26 mm
Output A: wire cross-section rigid, min.	50 mm <sup>2</sup>
Output A: wire cross-section rigid, max.	300 mm <sup>2</sup>
Output A: wire cross-section stranded, min.	50 mm <sup>2</sup>
Output A: wire cross-section stranded, max.	240 mm <sup>2</sup>
Output A: wire cross-section stranded with wire-end ferrules, min.	50 mm <sup>2</sup>
Output A: wire cross-section stranded with wire-end ferrules, max.	240 mm <sup>2</sup>
Output A: stripping length	36 mm
Output A: screw head	Allen key
Output A: torque, max.	50

## DIMENSIONS

Length	202 mm
Height	107 mm
Width	90 mm

**MATERIALS**

Insulation material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature to	120 °C
Operating temperature from	-40 °C

**APPROVALS**

SCCR rating	60 kV
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**ADDITIONAL DATA**

Tariff code	85369010
Country of origin	EEC
Weight	2034 g
Pack size	1