

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.

TECHNICAL DATA

GENERAL DATA

Rated current copper	80 A
IP class	IP20
Colour	Dark grey
Rated voltage V AC	1000 V AC
Mounting	TS 35 and direct mount
Contamination degree	3
Rated voltage V DC	1500 V DC
Rated current aluminium	63 A
Approvals	UL

Overvoltage category	III
----------------------	-----

CONNECTION DATA

Output A: diameter	4,4 mm
Input A: wire cross-section stranded, min.	2,5 mm ²
Connections	7
Number of outputs A	6
Output A: wire cross-section rigid, min.	2,5 mm ²
Input A: wire cross-section with wire-end ferrules, max.	25 mm ²
Input A: wire cross-section stranded, max.	25 mm ²
Input A: wire cross-section rigid, min.	2,5 mm ²
Output A: wire cross-section rigid, max.	10 mm ²
Input A: screw head	Allen key
Input A: diameter	10,5 mm
Output A: wire cross-section stranded with wire-end ferrules, max.	6 mm ²
Input A: stripping length	20 mm
Input A: torque, max.	3,5 Nm
Output A: stripping length	10 mm
Input A: wire cross-section with wire-end ferrules, min.	2,5 mm ²
Output A: torque, max.	2 Nm
Input A: rated cross-section	25 mm ²
Output A: wire cross-section stranded, max.	6 mm ²
Output A: screw head	Allen key
Output A: rated cross-section	10 mm ²
Input A: wire cross-section rigid, max.	25 mm ²
Output A: wire cross-section stranded, min.	2,5 mm ²
Number of inputs A	1
Output A: wire cross-section stranded with wire-end ferrules, min.	2,5 mm ²

DIMENSIONS

Height TS 35/7.5	52 mm
Length	89,5 mm
Width	36 mm

Height	49 mm
---------------	-------

MATERIALS

Flammability class	UL94-V0
---------------------------	---------

Operating temperature from	-40 °C
-----------------------------------	--------

Operating temperature to	120 °C
---------------------------------	--------

Insulation material	Polyamide 6.6
----------------------------	---------------

APPROVALS

UL test standard	UL 1953
-------------------------	---------

Rated voltage UL	1000 V
-------------------------	--------

SCCR rating	10 kV
--------------------	-------

ADDITIONAL DATA

Pack size	1
------------------	---

Country of origin	EEC
--------------------------	-----

Tariff code	85369010
--------------------	----------

Weight	124 g
---------------	-------
