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DISTRIBUTION BLOCKS CU SVB

SVB

1747.0
SVB 125/4, 3-Phase distribution block 125A



- High short-circuit resistance rating
- IP20-class protection
- 1000VAC / 1500VDC rated
- TS 35 din rail or direct mounting
- Housing made from polyamide 6.6 UL 94-V0

PRODUCT DESCRIPTION

The SVB screw-type 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 SVB 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.

TECHNICAL DATA

GENERAL DATA

Colour	Light grey
Rated voltage V AC	690 V AC
Rated voltage V DC	690 V DC
Rated current copper	160 A
Mounting	TS 35 and direct mount
Rated impulse voltage	2.5 kV
Overvoltage category	III
Short-circuit current resistance ICW over 1s	11.8 kA
Short-circuit current resistance IPK (peak value)	30 kA
Contamination degree	3

DIMENSIONS

Length	74 mm
Width	98 mm
Height TS 35/7.5	53 mm
Height	50 mm

CONNECTION DATA

Connections	3 x 8
Special connections	Neutral conductor busbar
Number of inputs A	3 x 1
Input A: diameter	9 mm
Input A: rated cross-section	35 mm²
Input A: wire cross-section rigid, min.	6 mm²
Input A: wire cross-section rigid, max.	35 mm²
Input A: wire cross-section stranded, min.	6 mm²
Input A: wire cross-section stranded, max.	25 mm²
Input A: wire cross-section with wire-end ferrules, min.	6 mm²
Input A: wire cross-section with wire-end ferrules, max.	25 mm²
Input A: stripping length	18 mm
Input A: screw head	Slotted / Phillips
Input A: screw thread	M 5
Input A: torque, min.	1.5
Input A: torque, max.	3
Number of inputs B	3 x 5
Input B: diameter	5 mm
Input B: rated cross-section	6 mm²
Input B: wire cross-section rigid, min.	1.5 mm²
Input B: wire cross-section rigid, max.	6 mm²
Input B: wire cross-section stranded, min.	1.5 mm²
Input B: wire cross-section stranded, max.	6 mm²
Input B: wire cross-section, stranded with wire-end ferrules, min.	1.5 mm²
Input B: wire cross-section stranded with wire-end ferrules, max.	6 mm²
5253_Input B: stripping length (mm)	12
Input B: screw head	Slotted / Phillips
Input B: screw thread	M 4
Input B: torque, min.	0.8
Input B: torque, max.	1.5
Number of inputs C	3 x 2

Input C: diameter	7 mm
Input C: rated cross-section	16 mm²
Input C: wire cross-section rigid, min.	4 mm²
Input C: wire cross-section rigid, max.	16 mm²
Input C: wire cross-section stranded, min.	4 mm²
Input C: wire cross-section stranded, max.	10 mm²
Input C: wire cross-section, stranded with wire-end ferrules, min.	4 mm²
Input C: wire cross-section, stranded with wire-end ferrules, max.	10 mm²
Input C: stripping length	18 mm
Input C: screw head	Slotted / Phillips
Input C: screw threading	M 5
Input C: torque, min.	1.5
Input C: torque, max.	3
Number of outputs A	1
Output A: diameter	9 mm
Output A: rated cross-section	35 mm²
Output A: wire cross-section rigid, min.	6 mm²
Output A: wire cross-section rigid, max.	35 mm²
Output A: wire cross-section stranded, min.	6 mm²
Output A: wire cross-section stranded, max.	25 mm²
Output A: wire cross-section stranded with wire-end ferrules, min.	6 mm²
Output A: wire cross-section stranded with wire-end ferrules, max.	25 mm²
Output A: stripping length	18 mm
Output A: screw head	Slotted / Phillips
Output A: screw thread	M 5
Output A: torque, min.	1.5
Output A: torque, max.	3
Number of outputs B	4
Output B: diameter	5 mm
Output B: rated cross-section	6 mm²
Output B: wire cross-section rigid, min.	1.5 mm²
Output B: wire cross-section rigid, max.	6 mm²

Output B: wire cross-section stranded, min.	1.5 mm²
3139_Output B: wire cross-section stranded, max. (mm²)	6
Output B: wire cross-section stranded with wire-end ferrules, min.	1.5 mm²
Output B: wire cross-section stranded with wire-end ferrules, max.	6 mm²
Output B: stripping length	12 mm
Output B: screw head	Slotted / Phillips
Output B: screw threading	M 4
Output B: torque, min.	0.8
Output B: torque, max.	1.5
Number of outputs C	6
Output C: diameter	7 mm
Output C: rated cross-section	16 mm²
Output C: wire cross-section rigid, min.	4 mm²
Output C: wire cross-section rigid, max.	16 mm²
Output C: wire cross-section stranded, min.	4 mm²
Output C: wire cross-section stranded, max.	10 mm²
Output C: wire cross-section stranded with wire-end ferrules, min.	4 mm²
Output C: wire cross-section stranded with wire-end ferrules, max.	10 mm²
Output C: stripping length	18 mm
Output C: screw head	Slotted / Phillips
Output C: screw thread	M 5
Output C: torque, min.	1.5
Output C: torque, max.	3

MATERIALS

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

ADDITIONAL DATA

Tariff code	85369010

Country of origin	EEC
Weight	315.4 g
Pack size	1