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DISTRIBUTION BLOCKS CU SVB

SVB

1740.0
SVB80 DIST TERMINAL 80A

- 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

Rated current copper	80 A
Rated impulse voltage	2,5 kV
Colour	Light grey
Short-circuit current resistance IPK (peak value)	2,7 kA
Rated voltage V AC	1000 V AC
Mounting	TS 35 and direct mount
Contamination degree	3
Short-circuit current resistance ICW over 1s	1,9 kA
Rated voltage V DC	1500 V DC
Approvals	UL, cUL, EAC
Overvoltage category	III

CONNECTION DATA

Output B: stripping length	12 mm
Output B: wire cross-section stranded, min.	2,5 mm²

Output A: diameter	7 mm
Input A: torque, min.	1,5 Nm
Input A: wire cross-section stranded, min.	2,5 mm²
Connections	7
Number of outputs A	2
Output A: wire cross-section rigid, min.	2,5 mm²
Output B: diameter	4,5 mm
Input A: wire cross-section with wire-end ferrules, max.	16 mm²
Input A: wire cross-section stranded, max.	16 mm²
Output A: screw thread	M 5
Input A: wire cross-section rigid, min.	2,5 mm²
Output A: wire cross-section rigid, max.	16 mm²
Input A: screw head	Slotted / Phillips
Input A: diameter	7 mm
Output A: torque, min.	1,5 Nm
Output B: wire cross-section stranded with wire-end ferrules, max.	6 mm²
Output B: screw threading	M 4
Output A: wire cross-section stranded with wire-end ferrules, max.	16 mm²
Output B: wire cross-section stranded, max.	6 mm²
Input A: stripping length	12 mm
Input A: torque, max.	3 Nm
Output B: wire cross-section stranded with wire-end ferrules, min.	2,5 mm²
Output A: stripping length	12 mm
Input A: screw thread	M 5
Input A: wire cross-section with wire-end ferrules, min.	2,5 mm²
Output B: torque, max.	1,5 Nm
Output A: torque, max.	3 Nm
Output B: rated cross-section	6 mm²
Output B: torque, min.	0,8 Nm
Output B: wire cross-section rigid, max.	6 mm²
Input A: rated cross-section	16 mm²

Number of outputs B	4
Output A: wire cross-section stranded, max.	16 mm²
Output A: screw head	Slotted / Phillips
Output A: rated cross-section	16 mm²
Output B: screw head	Slotted / Phillips
Input A: wire cross-section rigid, max.	16 mm²
Output A: wire cross-section stranded, min.	2,5 mm²
Output B: wire cross-section rigid, min.	2,5 mm²
Number of inputs A	1
Output A: wire cross-section stranded with wire-end ferrules, min.	2,5 mm²

DIMENSIONS

Height TS 35/7.5	50 mm
Length	66 mm
Width	27 mm
Height	47 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 1059
UL SCCR rating	100 kA
Rated current UL	80 A
Rated current cUL	80 A
Rated voltage UL	600 V
UL overvoltage protection - req. Series fuse class J	80 A
Rated voltage cUL	600 V
SCCR rating	100 kV
Req. series fuse class J	80 A
cUL test standard	C22.2 No 158
EAC test standard	TR ZU 004/2011

ADDITIONAL DATA

Pack size	1
Country of origin	FR
Tariff code	85369010
Weight	61,4 g