CONTACLIP

DISTRIBUTION BLOCKS CU - SVB

SVB

1740.0
SVB 80 LG

- 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.

SPECIFICATIONS

Approvals	UL, cUL, EAC
Color	Light Grey
Connections	7
Contamination degree	3
Country of origin	FR
cUL test standard	C22.2 No 158
EAC test standard	TR ZU 004/2011
Flammability class	UL94-V0
Height	47 mm
Height TS 35/7.5	50 mm
Input A: diameter	7 mm
Input A: rated cross-section	16 mm²
Input A: screw head	Slotted / Phillips
Input A: screw thread	M 5
Input A: stripping length	12 mm

Input A: torque, max.	3 Nm
Input A: torque, min.	1,5 Nm
Input A: wire cross-section rigid, max.	16 mm²
Input A: wire cross-section rigid, min.	2,5 mm²
Input A: wire cross-section stranded, max.	16 mm²
Input A: wire cross-section stranded, min.	2,5 mm²
Input A: wire cross-section with wire-end ferrules, max.	16 mm²
Input A: wire cross-section with wire-end ferrules, min.	2,5 mm²
Insulation Material	Polyamide 6.6
Length	66 mm
Mounting	TS 35/7,5 and direct mount
Number of inputs A	1
Number of outputs A	2
Number of outputs B	4
Operating temperature from	-40 °C
Operating temperature to	120 °C
Operating voltage	1000 V AC
Output A: diameter	7 mm
Output A: rated cross-section	16 mm²
Output A: screw head	Slotted / Phillips
Output A: screw thread	M 5
Output A: stripping length	12 mm
Output A: torque, max.	3 Nm
Output A: torque, min.	1,5 Nm
Output A: wire cross-section rigid, max.	16 mm²
Output A: wire cross-section rigid, min.	2,5 mm²
Output A: wire cross-section stranded with wire-end ferrules, max.	16 mm²
Output A: wire cross-section stranded with wire-end ferrules, min.	2,5 mm²
Output A: wire cross-section stranded, max.	16 mm²
Output A: wire cross-section stranded, min.	2,5 mm²
Output B: diameter	4,5 mm
Output B: rated cross-section	6 mm²

Output B: screw head	Slotted / Phillips
Output B: screw threading	M 4
Output B: stripping length	12 mm
Output B: torque, max.	1,5 Nm
Output B: torque, min.	0,8 Nm
Output B: wire cross-section rigid, max.	6 mm²
Output B: wire cross-section rigid, min.	2,5 mm²
Output B: wire cross-section stranded with wire-end ferrules, max.	6 mm²
Output B: wire cross-section stranded with wire-end ferrules, min.	2,5 mm²
Output B: wire cross-section stranded, max.	6 mm²
Output B: wire cross-section stranded, min.	2,5 mm²
Overvoltage category	III
Pack Size	1
Rated current copper	80 A
Rated current cUL	80 A
Rated Current To UL	80 A
Rated impulse voltage	2,5 kV
Rated voltage	1500 V DC
Rated voltage cUL	600 V
Rated Voltage To UL	600 V
Req. Series fuse class J	80 A
SCCR rating	100 kV
Short-circuit current resistance ICW over 1s	1,9 kA
Short-circuit current resistance IPK (peak value)	2,7 kA
Tariff code	85369010
UL overvoltage protection - req. Series fuse class J	80 A
UL SCCR rating	100 kA
UL test standard	UL 1059
Weight	61,4 g
Width	27 mm