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

Color	Light Grey
Operating voltage	1000 V AC
Rated voltage	1500 V DC
Rated current copper	80 A
Req. Series fuse class J	80 A
SCCR rating	100 kV
Mounting	TS 35/7,5 and direct mount
Rated impulse voltage	2.5 kV
Overvoltage category	III
Short-circuit current resistance ICW over 1s	1.9 kA
Short-circuit current resistance IPK (peak value)	2.7 kA
Contamination degree	3
Approvals	UL, cUL, EAC

Length	66 mm
Width	27 mm

Height TS 35/7.5	50 mm
Height	47 mm

Connections	7
Number of inputs A	1
Input A: diameter	7 mm
Input A: rated cross-section	16 mm²
Input A: wire cross-section rigid, min.	2.5 mm²
Input A: wire cross-section rigid, max.	16 mm²
Input A: wire cross-section stranded, min.	2.5 mm²
Input A: wire cross-section stranded, max.	16 mm²
Input A: wire cross-section with wire-end ferrules, min.	2.5 mm²
Input A: wire cross-section with wire-end ferrules, max.	16 mm²
Input A: stripping length	12 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 outputs A	2
Output A: diameter	7 mm
Output A: rated cross-section	16 mm²
Output A: wire cross-section rigid, min.	2.5 mm²
Output A: wire cross-section rigid, max.	16 mm²
Output A: wire cross-section stranded, min.	2.5 mm²
Output A: wire cross-section stranded, max.	16 mm²
Output A: wire cross-section stranded with wire-end ferrules, min.	2.5 mm²
Output A: wire cross-section stranded with wire-end ferrules, max.	16 mm²
Output A: stripping length	12 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	4.5 mm
Output B: rated cross-section	6 mm²
Output B: wire cross-section rigid, min.	2.5 mm²
Output B: wire cross-section rigid, max.	6 mm²
Output B: wire cross-section stranded, min.	2.5 mm²
3139_Output B: wire cross-section stranded, max. (mm²)	6
Output B: wire cross-section stranded with wire-end ferrules, min.	2.5 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

Insulation Material	Polyamide 6.6
Flamklass	UL94-V0
Operating temperature from	-40 °C
Operating temperature to	120 °C

Rated Voltage To UL	600 V
Rated Current To UL	80 A
UL test standard	UL 1059
UL overvoltage protection - req. Series fuse class J	80 A
UL SCCR rating	100 kA
Rated voltage cUL	600 V
Rated current cUL	80 A
cUL test standard	C22.2 No 158
EAC test standard	TR ZU 004/2011

Tariff code	85369010
Country of origin	FR
Weight	61.4 g

Pack Size	1