

## COMPACT MODULAR DISTRIBUTION TERMINALS - SVBKA

SVBKA

27207.0  
SVBKA 16 LG

- IP20 protection
- Wire connection cross sections 1.5 - 240 mm<sup>2</sup>
- Suitable for copper and aluminium cables
- Foot can be snapped on DIN 35 or direct mounted
- Housing made of polyamide 6.6 UL 94 V-0



### PRODUCT DESCRIPTION

The SVBKA screw-distributor block makes it possible to distribute potential and power in a compact space without any additional accessories. The SVBKA blocks can be used with aluminum and copper cables from 1.5 to 240 mm<sup>2</sup>. They can be used in installation and distribution board construction and also in controller construction for machinery. The SVBKA 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 SVBKA screw-distributor blocks guarantee IP20 protection, even when you are connecting larger conductor cross-sections. For smaller cable cross-sections, finger safety is ensured by the BS-SVBKA covers (available as accessory).

## TECHNICAL DATA

### GENERAL DATA

Rated current copper	82 A
Rated current aluminium	75 A
Rated voltage V AC	1000 V AC
Rated voltage V DC	1000 V DC
Mounting	TS 35 and direct mount
Overvoltage category	III
Contamination degree	3
Colour	Light grey
IP class	IP20

### CONNECTION DATA

Connections	2
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<b>Number of inputs A</b>	1
<b>Input A: rated cross-section</b>	16 mm <sup>2</sup>
<b>Input A: wire cross-section rigid, min.</b>	1,5 mm <sup>2</sup>
<b>Input A: wire cross-section rigid, max.</b>	16 mm <sup>2</sup>
<b>Input A: wire cross-section stranded, min.</b>	1,5 mm <sup>2</sup>
<b>Input A: wire cross-section stranded, max.</b>	10 mm <sup>2</sup>
<b>Input A: wire cross-section with wire-end ferrules, min.</b>	1,5 mm <sup>2</sup>
<b>Input A: wire cross-section with wire-end ferrules, max.</b>	10 mm <sup>2</sup>
<b>Input A: stripping length</b>	13 mm
<b>Input A: screw head</b>	Allen key
<b>Input A: torque, min.</b>	1,5 Nm
<b>Input A: torque, max.</b>	7 Nm
<b>Number of outputs A</b>	1
<b>Output A: rated cross-section</b>	16 mm <sup>2</sup>
<b>Output A: wire cross-section rigid, min.</b>	1,5 mm <sup>2</sup>
<b>Output A: wire cross-section rigid, max.</b>	16 mm <sup>2</sup>
<b>Output A: wire cross-section stranded, min.</b>	1,5 mm <sup>2</sup>
<b>Output A: wire cross-section stranded, max.</b>	10 mm <sup>2</sup>
<b>Output A: wire cross-section stranded with wire-end ferrules, min.</b>	1,5 mm <sup>2</sup>
<b>Output A: wire cross-section stranded with wire-end ferrules, max.</b>	10 mm <sup>2</sup>
<b>Output A: stripping length</b>	13 mm
<b>Output A: screw head</b>	Allen key
<b>Output A: torque, min.</b>	1,5 Nm
<b>Output A: torque, max.</b>	7 Nm

## DIMENSIONS

<b>Length</b>	44,6 mm
<b>Height TS 35/7.5</b>	42,5 mm
<b>Width</b>	13,5 mm

## MATERIALS

<b>Insulation material</b>	Polyamide 6.6
<b>Flammability class</b>	UL94-V0

<b>Operating temperature to</b>	120 °C
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<b>Operating temperature from</b>	-40 °C
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## **ADDITIONAL DATA**

<b>Tariff code</b>	85369010
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<b>Country of origin</b>	EEC
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<b>Weight</b>	15 g
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<b>Pack size</b>	10
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