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COMPACT MODULAR DISTRIBUTION TERMINALS - SVBKA

Modular Distribution Terminals - SVBKA

27209.5
SVBKA 50 BU



- IP20 protection
- Wire connection cross sections 1.5 - 240 mm²
- 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 mm². 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	160 A
Rated current aluminium	145 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	Blue
IP class	IP20

CONNECTION DATA

Connections	2

Number of inputs A	1
Input A: rated cross-section	50 mm²
Input A: wire cross-section rigid, min.	1.5 mm²
Input A: wire cross-section rigid, max.	50 mm²
Input A: wire cross-section stranded, min.	1.5 mm²
Input A: wire cross-section stranded, max.	35 mm²
Input A: wire cross-section with wire-end ferrules, min.	1.5 mm²
Input A: wire cross-section with wire-end ferrules, max.	35 mm²
Input A: stripping length	15 mm
Input A: screw head	Allen key
Input A: torque, min.	1.5
Input A: torque, max.	10
Number of outputs A	1
Output A: rated cross-section	50 mm²
Output A: wire cross-section rigid, min.	1.5 mm²
Output A: wire cross-section rigid, max.	50 mm²
Output A: wire cross-section stranded, min.	2.5 mm²
Output A: wire cross-section stranded, max.	35 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.	35 mm²
Output A: stripping length	15 mm
Output A: screw head	Allen key
Output A: torque, min.	1.5
Output A: torque, max.	10

DIMENSIONS

Length	49 mm
Height TS 35/7.5	46 mm
Width	18 mm

MATERIALS

Insulation material	Polyamide 6.6
Flammability class	UL94-V0

Operating temperature to	120 °C
Operating temperature from	-40 °C

ADDITIONAL DATA

Tariff code	85369010
Country of origin	EEC
Weight	30 g
Pack size	10