SVB 250 LG

1743.0











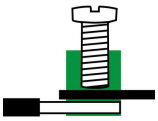

Screw-distributor block, Screw connection, Mounting type:Mounting rail TS 35/7.5 and mounting surface, Rated cross-section of input: 120 mm², Rated cross-section of output: 10, 16 and 35 mm², Colour: Light grey

Commercial

General

Colour: Light grey
Country of origin: FR
Customs number: 85369010
GTIN (EAN): 4044211143503
Packaging unit: 1
Product description: Screw-type distribution block
Quantity unit: PC
Unit of weight: G
Weight per piece (including packaging): 426g
Weight per piece (not including packaging): 415.4g

Technical

Dimensions

Height: 50mm

Height TS 35/7.5: 53mm

Length: 96mm

Width: 44mm

Ratings

Contamination degree: 3

Input: rated cross section: 120mm²

Maximum power dissipation for nominal condition: 7.36W

Output A: rated cross-section: 35mm²

Output B: rated cross-section: 16mm²

Output C: rated cross-section: 10mm²

Overvoltage category: III

Rated current Cu: 250A

Rated impulse voltage: 2,5kV

Rated voltage AC: 1000V

Rated voltage DC: 1500V

Connection data

Connection principle: Screw connection

Connections: 12

Input: diameter: 15mm

Input: screw head: Inner hex (Allen)

Input: screw threading: M 14

Input: stripping length: 29mm

Input: torque, max.: 21Nm

Input: torque, min.: 19Nm

Input: wire cross-section rigid AWG, max.: 4/0

Input: wire cross-section rigid AWG, min.: 2

Input: wire cross-section rigid, max.: 120mm²

Input: wire cross-section rigid, min.: 35mm²

Input: wire cross-section stranded AWG, max.: 4/0

Input: wire cross-section stranded AWG, min.: 2

Input: wire cross-section stranded, max.: 95mm²

Input: wire cross-section stranded, min.: 35mm²

Input: wire cross-section stranded, with wire-end ferrules AWG, max.: 4/0
Input: wire cross-section stranded, with wire-end ferrules AWG, min.: 2
Input: wire cross-section stranded, with wire-end ferrules, max.: 95mm²
Input: wire cross-section stranded, with wire-end ferrules, min.: 35mm²
Number of inputs: 1
Number of outputs A: 2
Number of outputs B: 5
Number of outputs C: 4
Output A: diameter: 9mm²
Output A: screw head: Slotted
Output A: screw threading: M 8
Output A: stripping length: 12mm
Output A: torque, max.: 7Nm
Output A: torque, min.: 3.5Nm
Output A: wire cross-section AWG, max.: 2
Output A: wire cross-section AWG, min.: 14
Output A: wire cross-section rigid, max.: 35mm²
Output A: wire cross-section rigid, min.: 6mm²
Output A: wire cross-section stranded with wire-end ferrules, max.: 25mm²
Output A: wire cross-section stranded with wire-end ferrules, min.: 6mm²
Output A: wire cross-section stranded, max.: 25mm²
Output A: wire cross-section stranded, min.: 6mm²
Output B: diameter: 6.5mm²
Output B: screw head: Slotted
Output B: screw threading: M 6
Output B: stripping length: 12mm
Output B: torque, max.: 3Nm
Output B: torque, min.: 2Nm
Output B: wire cross-section AWG, max.: 6
Output B: wire cross-section AWG, min.: 14
Output B: wire cross-section rigid, max.: 16mm²
Output B: wire cross-section rigid, min.: 1.5mm²
Output B: wire cross-section stranded with wire-end ferrules, max.: 16mm²
Output B: wire cross-section stranded with wire-end ferrules, min.: 1.5mm²
Output B: wire cross-section stranded, max.: 16mm²
Output B: wire cross-section stranded, min.: 1.5mm²
Output C: diameter: 6mm²
Output C: screw head: Slotted

Output C: screw threading: M 6

Output C: stripping length: 12mm

Output C: torque, max.: 3Nm

Output C: torque, min.: 2Nm

Output C: wire cross-section AWG, max.: 8

Output C: wire cross-section AWG, min.: 14

Output C: wire cross-section rigid, max.: 10mm²

Output C: wire cross-section rigid, min.: 1.5mm²

Output C: wire cross-section stranded with wire-end ferrules, max.: 10mm²

Output C: wire cross-section stranded with wire-end ferrules, min.: 1.5mm²

Output C: wire cross-section stranded, max.: 10mm²

Output C: wire cross-section stranded, min.: 1.5mm²

Further technical data

Mounting type: Mounting rail TS 35/7.5 and mounting surface

Req. Series fuse class J: 250A

SCCR rating: 100

Short-circuit current resistance ICW over 1 s: 24,5kA

Short-circuit current resistance IPK (peak value): 51kA

Materials

Flammability class UL 94: V-0

Insulation housing: Polyamide 6.6

Working temperature, max.: 120°C

Working temperature, min.: -40°C

Approvals

Standards and regulations

EAC approval: TR ZU 004/2011

EAC approval granted: ✓

cUL Recognized

: E95701

cUL Recognized: 1

cUL Usegroup B: rated current: 230A

cUL Usegroup B: rated voltage: 600V

cUL Usegroup C: rated current: 230A

cUL Usegroup C: rated voltage: 600V

cUL approval: C22.2 No 158

cUL input: wire cross-section AWG, max.: 4/0

cUL input: wire cross-section AWG, min.: 2

cUL output A: wire cross-section AWG, max.: 4

cUL output A: wire cross-section AWG, min.: 6

cUL output B: wire cross-section AWG, max.: 2

cUL output B: wire cross-section AWG, min.: 14

cUL output: wire cross-section AWG, max.: 8

cUL output: wire cross-section AWG, min.: 14

cUL torque input: 170Nm

cUL wire material: Cu

UL Recognized

UL File Number: E95701

UL Recognized: 1

UL SCCR rating: 100kA

UL Usegroup B: rated current: 230A

UL Usegroup B: rated current Cu: 230A

UL Usegroup B: rated voltage: 600V

UL Usegroup C: rated current: 230A

UL Usegroup C: rated current Cu: 230A

UL Usegroup C: rated voltage: 600V

UL approval: UL 1059

UL factory wiring: ✓

UL field wiring: ✓

UL input: wire cross-section AWG, max.: 4/0

UL input: wire cross-section AWG, min.: 2

UL output A: wire cross-section AWG, max.: 2

UL output A: wire cross-section AWG, min.: 14

UL output B: wire cross-section AWG, max.: 6

UL output B: wire cross-section AWG, min.: 14

UL output C: wire cross-section AWG, max.: 8

UL output C: wire cross-section AWG, min.: 14

UL overvoltage protection - req. Series fuse class J: 250A

UL torque input: 170Lb In.

UL wire material: Cu

Environment

Environmental Product Compliance

EU-POP Conform: Yes
PROP 65 CAS 1 Percent maximum: 4%
PROP 65 CAS 1 Percent minimum: 0.1%
PROP 65 CAS 1 Substance: LEAD
PROP 65 Conform: No
REACH CAS 1 Number: 7439-92-1
REACH CAS 1 Percent maximum: 4%
REACH CAS 1 Percent minimal: 0.1%
REACH CAS 1 Substance: BLEI
REACH Candidate Substance Note: No
REACH Conform: No
REACH Reference date: 2026-02-04
RoHS Conform: Yes
RoHS Exception rule: 6c
SCIP: 387D1090-82C4-498D-8C6F-D4C174A17E81
TSCA Conform: Yes

Accessories

End stop



ES 35/K/ST BG
2828.0