SVB 125 LG

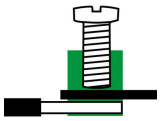
1741.0











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

Commercial

General

Colour: Light grey
Country of origin: FR
Customs number: 85369010
GTIN (EAN): 4044211143480
Packaging unit: 1
Product description: Screw-type distribution block
Quantity unit: PC
Unit of weight: G
Weight per piece (including packaging): 144.6g
Weight per piece (not including packaging): 136.6g

Technical

Dimensions

Height: 47mm

Height TS 35/7.5: 50mm

Length: 75mm

Width: 27mm

Ratings

Contamination degree: 3

Input A: rated cross-section: 35mm²

Input B: rated cross-section: 16mm²

Maximum power dissipation for nominal condition: 4W

Output: rated cross section: 16mm²

Overvoltage category: III

Rated current Cu: 125A

Rated impulse voltage: 2,5kV

Rated voltage AC: 1000V

Rated voltage DC: 1500V

Connection data

Connection principle: Screw connection

Connections: 8

Input A: diameter: 10mm²

Input A: screw head: Inner hex (Allen)

Input A: screw threading: M 8

Input A: stripping length: 16mm

Input A: torque, max.: 5Nm

Input A: torque, min.: 3.5Nm

Input A: wire cross-section AWG, max.: 2

Input A: wire cross-section AWG, min.: 8

Input A: wire cross-section rigid, max.: 35mm²

Input A: wire cross-section rigid, min.: 10mm²

Input A: wire cross-section stranded, max.: 35mm²

Input A: wire cross-section stranded, min.: 10mm²

Input A: wire cross-section, stranded with wire-end ferrules, max.: 35mm²

Input A: wire cross-section, stranded with wire-end ferrules, min.: 10mm²

Input B: diameter: 7mm²

Input B: screw head: Inner hex (Allen)
Input B: screw threading: M 6
Input B: stripping length: 15mm
Input B: torque, max.: 5Nm
Input B: torque, min.: 3.5Nm
Input B: wire cross-section rigid, max.: 16mm²
Input B: wire cross-section rigid, min.: 2.5mm²
Input B: wire cross-section stranded with wire-end ferrules, max.: 16mm²
Input B: wire cross-section stranded, max.: 16mm²
Input B: wire cross-section stranded, min.: 2.5mm²
Input B: wire cross-section, stranded with wire-end ferrules, min.: 2.5mm²
Number of inputs A: 1
Number of inputs B: 1
Output: diameter: 6.5mm
Output: screw head: Slotted / cross recess
Output: screw threading: M 5
Output: stripping length: 12mm
Output: torque, max.: 3Nm
Output: torque, min.: 2Nm
Output: wire cross-section rigid AWG, max.: 4
Output: wire cross-section rigid AWG, min.: 14
Output: wire cross-section rigid, max.: 16mm²
Output: wire cross-section rigid, min.: 2.5mm²
Output: wire cross-section stranded AWG, max.: 4
Output: wire cross-section stranded AWG, min.: 14
Output: wire cross-section stranded, max.: 16mm²
Output: wire cross-section stranded, min.: 2.5mm²
Output: wire cross-section stranded, with wire-end ferrules AWG, max.: 4
Output: wire cross-section stranded, with wire-end ferrules AWG, min.: 14
Output: wire cross-section stranded, with wire-end ferrules, max.: 16mm²
Output: wire cross-section stranded, with wire-end ferrules, min.: 2.5mm²

Further technical data

Mounting type: Mounting rail TS 35/7.5 and mounting surface
Req. Series fuse class J: 125A
SCCR rating: 100
Short-circuit current resistance ICW over 1 s: 4,2kA
Short-circuit current resistance IPK (peak value): 30kA

Output data

Number of outputs: 6

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: 115A
cUL Usegroup B: rated voltage: 600V
cUL Usegroup C: rated current: 115A
cUL Usegroup C: rated voltage: 600V
cUL approval: C22.2 No 158
cUL input: wire cross-section AWG, max.: 2
cUL input: wire cross-section AWG, min.: 8
cUL output: wire cross-section AWG, max.: 4
cUL output: wire cross-section AWG, min.: 14
cUL torque input: 3.5Nm
cUL torque output: 2Nm
cUL wire material: Cu

UL Recognized

UL File Number: E95701
UL Recognized: 1
UL SCCR rating: 100kA
UL Usegroup B: rated current: 115A
UL Usegroup B: rated current Cu: 115A
UL Usegroup B: rated voltage: 600V

UL Usegroup C: rated current: 115A

UL Usegroup C: rated current Cu: 115A

UL Usegroup C: rated voltage: 600V

UL approval: UL 1059

UL factory wiring: ✓

UL field wiring: ✓

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

UL input: wire cross-section AWG, min.: 8

UL output: wire cross-section AWG, max.: 4

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

UL overvoltage protection - req. Series fuse class J: 125A

UL torque input: 31Lb In.

UL torque output: 17.5Lb 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: 48BC6707-7145-4463-A560-7EBE69FABAAE

TSCA Conform: Yes

Accessories

End stop



ES 35/K/ST BG
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