

Bussmann series Safeclip BS fuse holders



Product description

Eaton's Bussmann series range of Safeclip fuse holders is specifically designed for easy tool-free fuse installation.

Standard features

- Industry standard fuse holders address many application needs
- Fully shrouded for greater safety
- Most comprehensive range available to meet the majority of applications
- High resistance body material helps ensure high dielectric strength
- Extremely reliable contact system for superior electrical conductivity

Catalogue symbol:

- SC(amp)H: Front connected
- SC(amp)P: Back stud connected
- SC(amp)BH: Busbar/Front connected
- SC(amp)PH-D: Front/Back stud connected

Agency information:

- BS88
- IEC 60269-1

Technical data:

- Rated voltage: 550 V a.c.
- Rated current: 20 to 125 A
- Terminal conductor range: 16 to 70 mm²
- Maximum ambient operating temperature: 40°C

Packaging:

- 20 to 63 A: 10 per pack
- 100 A: 5 per pack
- 125 A: 1 per pack

Table 1. Part numbers details

Fuse holder description	Colour	20 A	32 A	63 A	100 A	125 A
Front connected	Black	SC20H	SC32H-D	SC63H-D	SC100H	SC125H-D
	White	SC20HWH	SC32H-DWH	SC63H-DWH		
	Green	SC20HGN	SC32H-DGN			
Back stud connected	Black	SC20P	SC32P	SC63P		
	White	SC20PWH	SC32PWH			
	Green	SC20PGN	SC32PGN			
Busbar/Front connected	Black	SC20BH	SC32BH	SC63BH		
Front/Back stud connected	Black		SC32PH-D			
	White		SC32PH-DWH			

Table 2. Technical data

Rated current (Amps)	Rated voltage (V a.c.)	Agency markings	Minimum conductor size	Maximum conductor size	Compatible fuse links	Packaging
20	550	BS88 and IEC60269	0.5 mm ²	16 mm ²	SSD	10
32			0.5 mm ²	16 mm ²	NSD	10
63			2.5 mm ²	25 mm ²	ESD	10
100			2.5 mm ²	50 mm ²	OSD	5
125			2.5 mm ²	70 mm ²	XS	1

Weights:

- SC20H: 85 grams
- SC20P: 113 grams
- SC32BH: 95 grams
- SC32H-D: 97 grams
- SC32P: 125 grams
- SC63BH: 165 grams
- SC63HD: 160 grams
- SC100H: 330 grams
- SC125HD: 365 grams

Table 3. Accessories

Catalogue numbers	Description	Pack quantity	Compatible fuse links	Compatible fuse holders
SSC-LINK	Copper links	10		SC20
NSC-LINK		10		SC32
ESC-LINK		10		SC63
OSC-LINK		10		SC100
XSC-LINK		10		SC125
SC32LOCK	Padlockable inserts	10		SC32
SC63LOCK		10		SC63
SCA63CAR	Adaptor carrier	10	NS	SC63
SCSB20-32	Sealing band	10		SC20 and SC32
DIN-20-32 ¹	DIN-Rail adaptor	10		SC20 and RS20

¹ SC32H-D, SC63H-D and SC125H-D have an integral DIN-Rail feature as standard

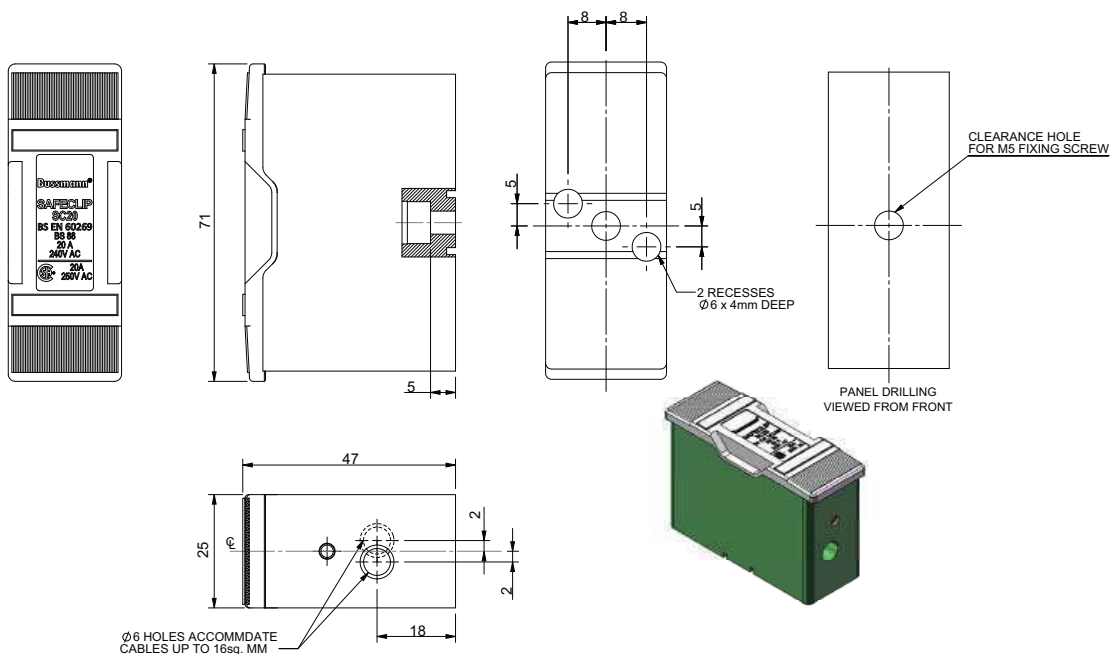


SSC-LINK

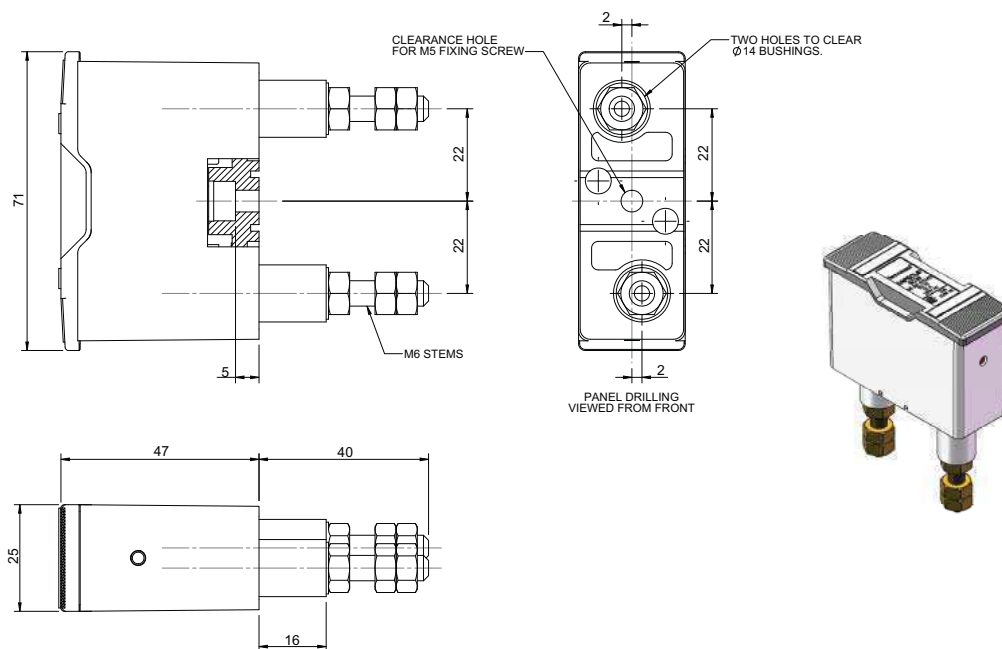
NSC-LINK

DIN-20-32

Dimensions - mm



SC20H 20 A, Front connected



SC20P 20 A, Back stud connected

[illegible]

Technical drawings of the SC 32 battery, showing dimensions and mounting details.

Top View (Front View):

- Overall height: 81
- Bottom flange thickness: 5
- 2 RECESSES $\varnothing 6 \times 4$ DEEP
- CLEARANCE HOLE FOR M5 FIXING SCREW
- Panel drilling viewed from front

Top View (Top View):

- Overall width: 52
- Distance from left edge to first hole: 25
- Distance between holes: 22
- Hole diameter: $\varnothing 6$
- Ø6 HOLES ACCOMMODATE CABLES UP TO 16 sq mm

Side View (Left View):

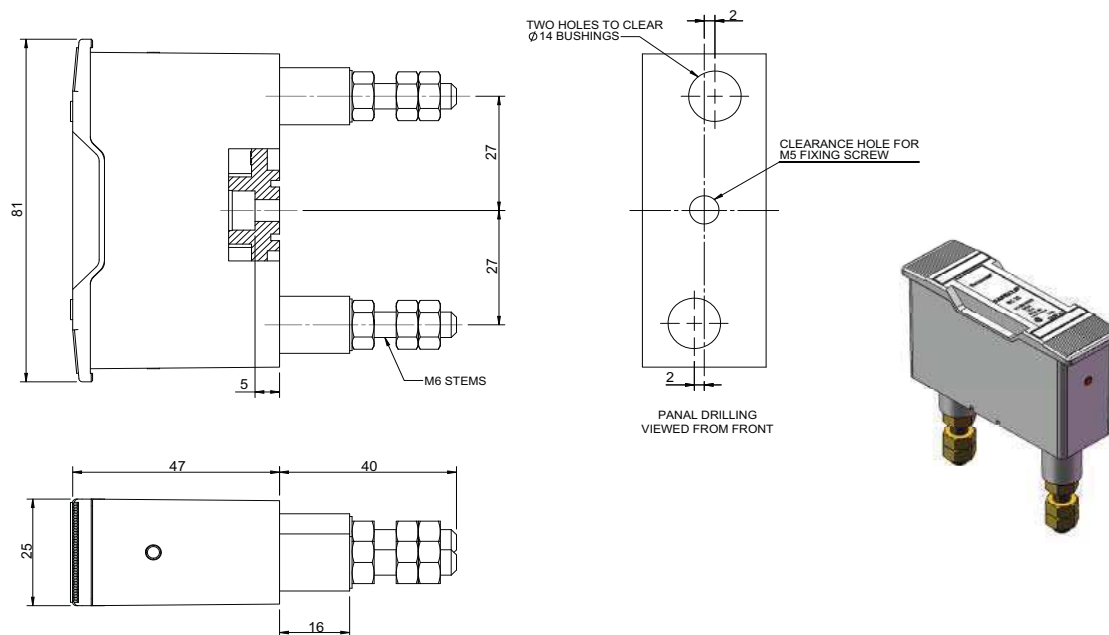
- Distance from left edge to first hole: 8
- Distance between holes: 8
- Hole diameter: $\varnothing 6$

3D Perspective View:

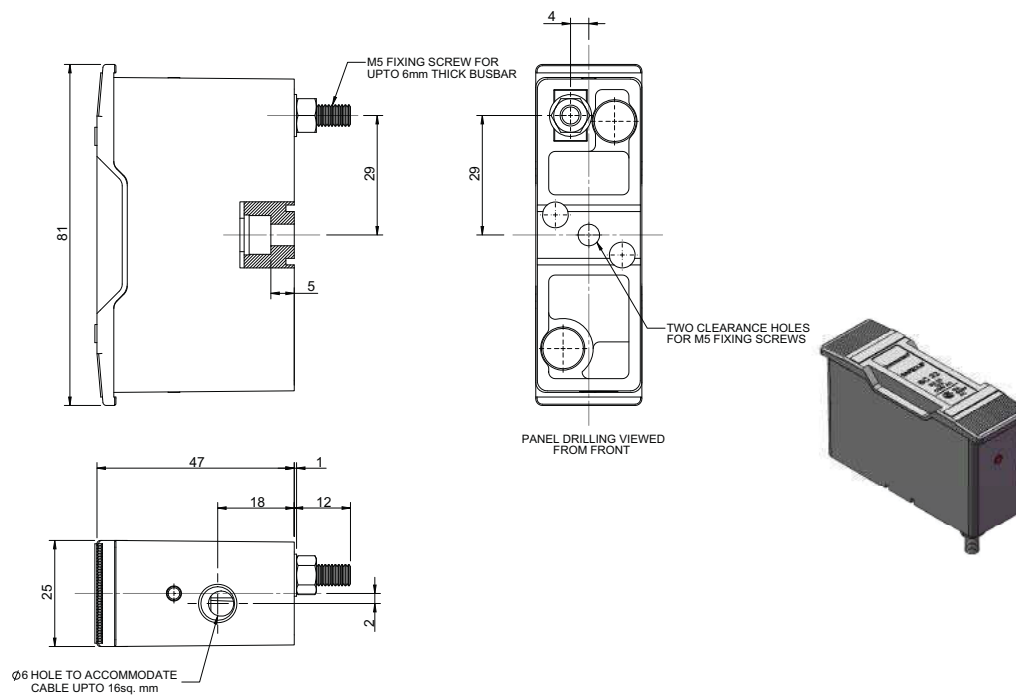
The battery is shown in a 3D perspective view, highlighting its rectangular shape and the top panel with the mounting holes and recesses.

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Dimensions - mm

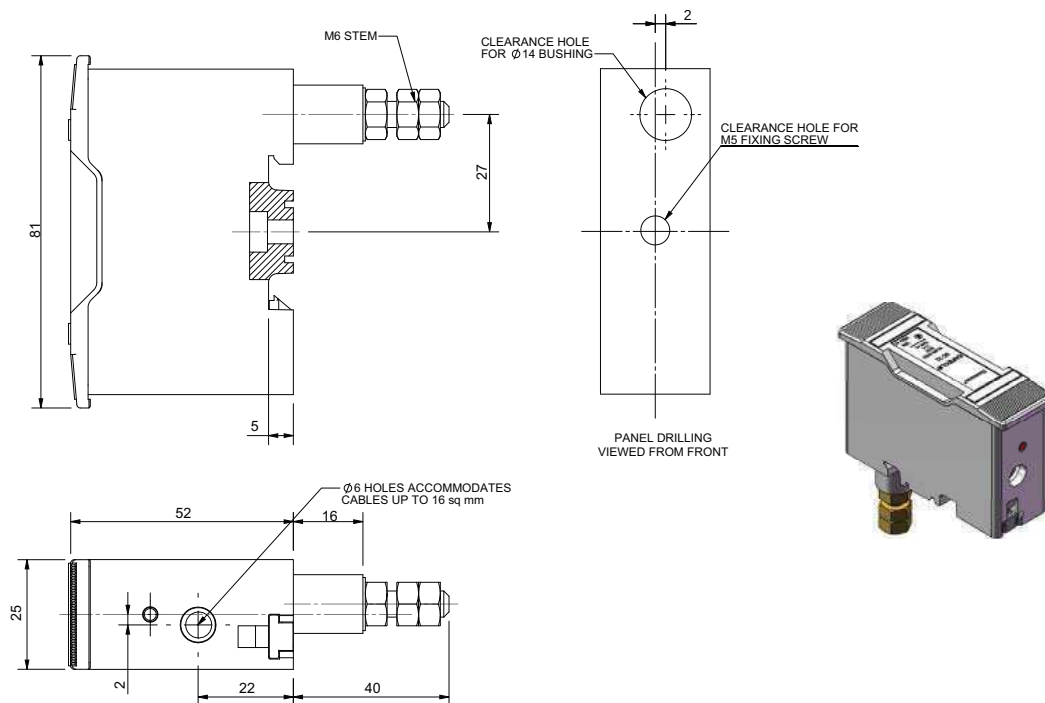


SC32P 32 A, Back stud connected

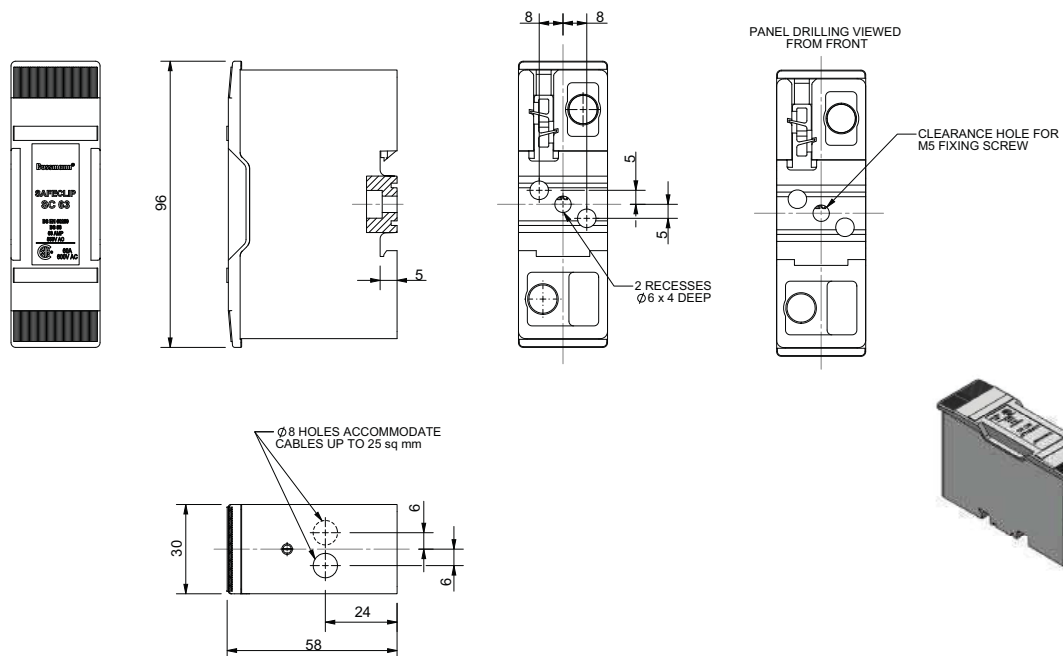


SC32BH 32 A, Busbar/Front connected

Dimensions - mm

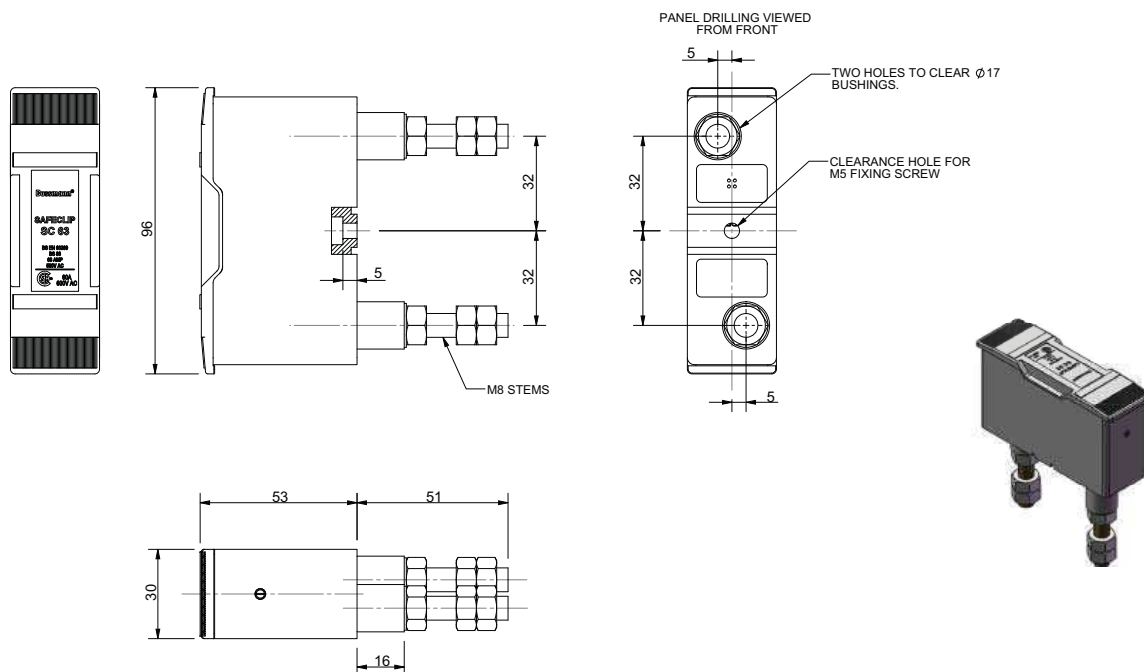


SC32PH-D 32 A, Front/Back stud connected

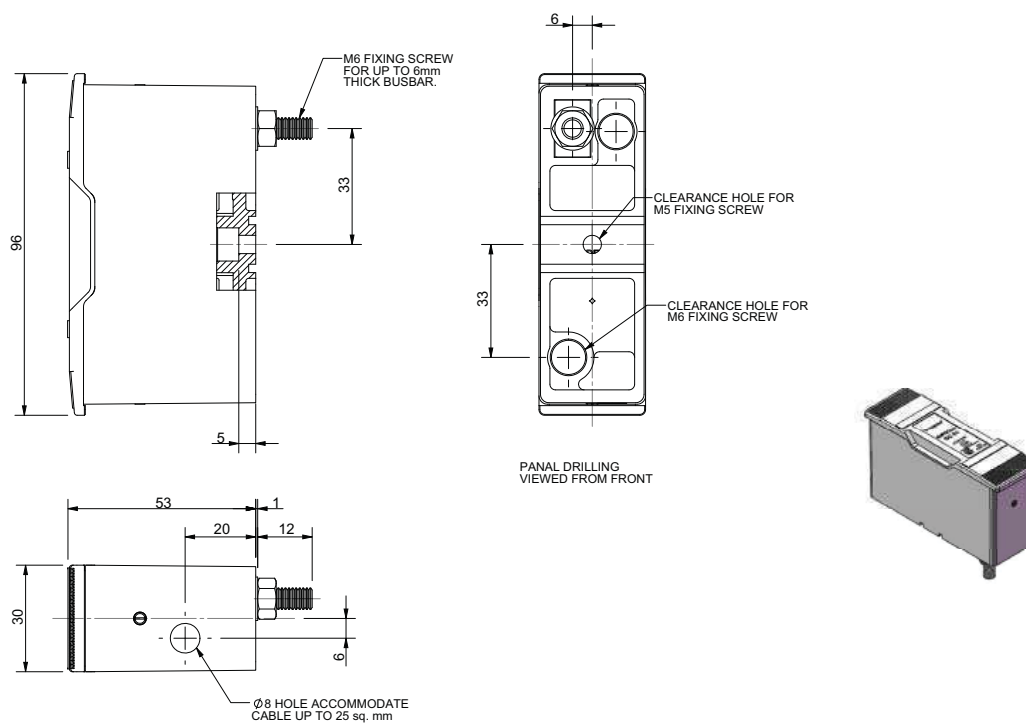


SC63H-D 63 A, Front connected

Dimensions - mm

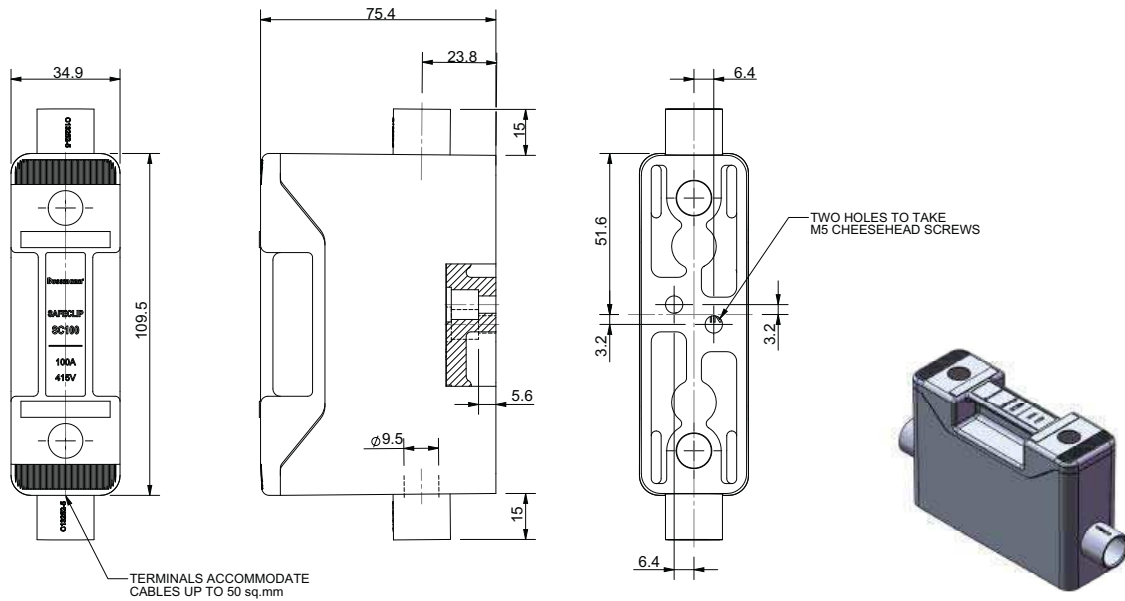


SC63P 63 A, Back stud connected



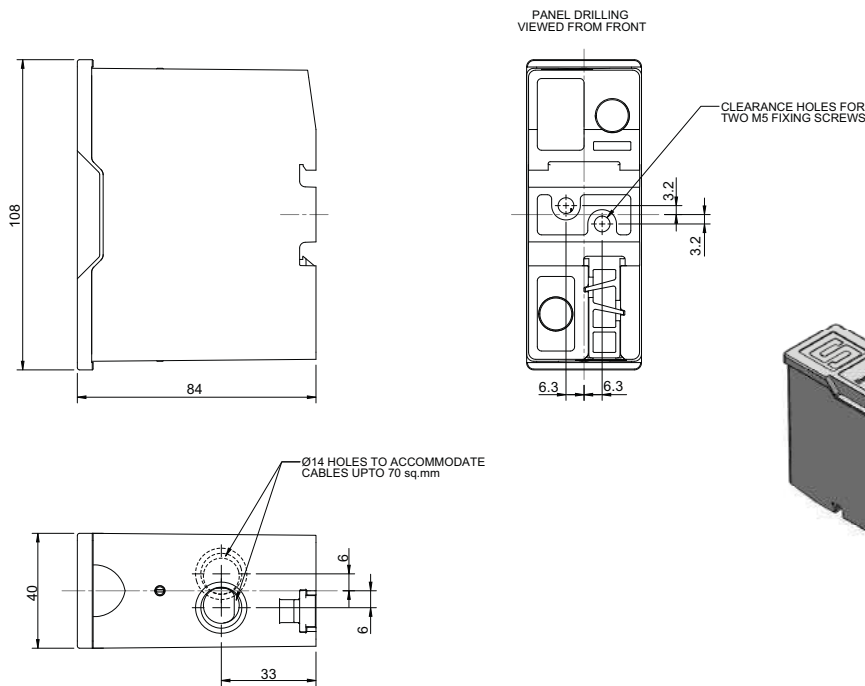
SC63BH 63 A Busbar/front connected

Dimensions - mm



SC100H 100 A, Front connected

Dimensions - mm



SC125H-D 125 A, Front connected

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