

# MINIATURE CIRCUIT BREAKER

## The CBI SFRSM1 Range

✔ RESIDENTIAL 
 ✔ COMMERCIAL 
 ✔ INDUSTRIAL



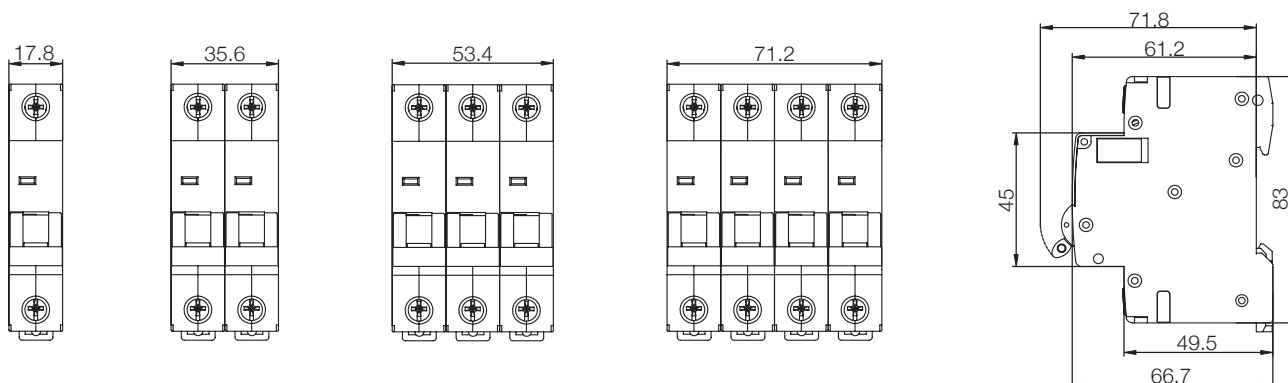
SFRSM1 |  
 Miniature Circuit Breaker |  
 1 Pole | 6 kA

SFRSM1 |  
 Miniature Circuit Breaker |  
 3 Pole | 6 kA

## Features



- > Protection against overload and short circuit
- > Suitable for isolation
- > DIN mounting
- > AS/NZS 60898.1 compliant
- >  $I_{cn} = I_{cs} = 6 \text{ kA}$  with energy limiting class 3
- > Handle is sealable and padlockable (with padlock attachment)
- > Positive contact indication
- > Handle on / off indication

## SFRSM1 Range | Dimensions



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## SFRSM1 Range | Technical Data

	<b>SFRSM1</b>
<b>Equipment Type</b>	Miniature Circuit Breaker
<b>Standards</b>	AS/NZS 60898.1
<b>Approvals / Marks</b>	SAA-191500-EA  
<b>Number of Poles</b>	1, 2*, 3, 4*
<b>Rated Breaking Capacity (kA) (Icn = Isc)</b>	6 kA
<b>Standard Ampere Rating (A) (In)</b>	6, 10, 16, 20, 25, 32, 40, 50, 63 A
<b>Rated Voltage (V) (Ue)</b>	240V ac (1P) & 415V ac (2P, 3P & 4P)
<b>Frequency (Hz)</b>	50/60 Hz
<b>Impulse Withstand Voltage (kV) (Uimp)</b>	4 kV
<b>Operating Principal</b>	Thermal-Magnetic
<b>Time Delay Curves</b>	C, D
<b>Handle Colour</b>	Black
<b>Terminal Configuration</b>	Pillar type
<b>Max Conductor Size</b>	16 mm <sup>2</sup>
<b>Terminal Torque</b>	2.5 Nm
<b>Electrical Endurance</b>	10 000 cycles
<b>Mechanical Endurance</b>	20 000 cycles
<b>IP Degree</b>	IP20

\*Note: Indent items only

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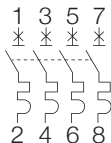
## SFRSM1 Range | Selection Data

### SFRSM1 - Curve C

Ampere Rating	BOM No.			
	1 Pole	2 Pole*	3 Pole	4 Pole*
6	SFRSM161C6	SFRSM162C6	SFRSM163C6	SFRSM164C6
10	SFRSM161C10	SFRSM162C10	SFRSM163C10	SFRSM164C10
16	SFRSM161C16	SFRSM162C16	SFRSM163C16	SFRSM164C16
20	SFRSM161C20	SFRSM162C20	SFRSM163C20	SFRSM164C20
25	SFRSM161C25	SFRSM162C25	SFRSM163C25	SFRSM164C25
32	SFRSM161C32	SFRSM162C32	SFRSM163C32	SFRSM164C32
40	SFRSM161C40	SFRSM162C40	SFRSM163C40	SFRSM164C40
50	SFRSM161C50	SFRSM162C50	SFRSM163C50	SFRSM164C50
63	SFRSM161C63	SFRSM162C63	SFRSM163C63	SFRSM164C63

### SFRSM1 - Curve D

Ampere Rating	BOM No.			
	1 Pole	2 Pole*	3 Pole	4 Pole*
6	SFRSM161D6	SFRSM162D6	SFRSM163D6	SFRSM164D6
10	SFRSM161D10	SFRSM162D10	SFRSM163D10	SFRSM164D10
16	SFRSM161D16	SFRSM162D16	SFRSM163D16	SFRSM164D16
20	SFRSM161D20	SFRSM162D20	SFRSM163D20	SFRSM164D20
25	SFRSM161D25	SFRSM162D25	SFRSM163D25	SFRSM164D25
32	SFRSM161D32	SFRSM162D32	SFRSM163D32	SFRSM164D32
40	SFRSM161D40	SFRSM162D40	SFRSM163D40	SFRSM164D40
50	SFRSM161D50	SFRSM162D50	SFRSM163D50	SFRSM164D50
63	SFRSM161D63	SFRSM162D63	SFRSM163D63	SFRSM164D63

Qty / Box	12	6	4	3
Qty / CTN	120	60	40	30
CTN Size	46.5 x 24 x 17.5 cm			
Wiring Diagram				

\*Note: Indent items only