

COMPACT RCBO (ELECTRONIC)

The CBI SFRSE1 Range

✓ RESIDENTIAL
✓ COMMERCIAL
✓ INDUSTRIAL

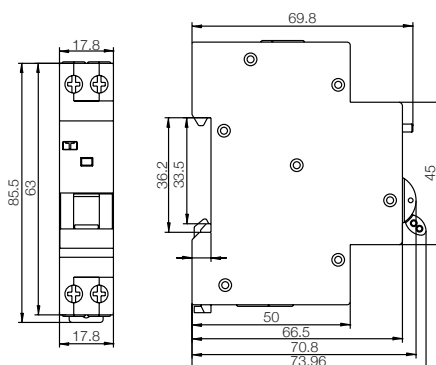


SFRSE1 |
 Residual Current Operated Circuit Breaker |
 1 + N | 6 kA

Features



- > Provides overload, short circuit and earth leakage protection
- > Provides protection in the event of direct/indirect contact by the human body
- > Provides comprehensive protection to residential and commercial distribution systems
- > DIN mounting
- > Provides protection against insulation failure
- > Can be mounted on fork type busbars
- > AS/NZS 61009.1 compliant
- > Handle is sealable and padlock-able (with padlock attachment)
- > Complies with latest ESV requirements for RCBOs
- > Positive contact indication

SFRSE1 Range | Dimensions



COMPACT RCBO (ELECTRONIC)

SFRSE1 Range | Technical Data

	SFRSE1
Equipment Type	Residual Current Operated Circuit Breaker (Type A)
Standards	AS/NZS 61009.1
Approvals / Marks	SAA-191499-EA  
Number of Poles	1 + N
Rated Breaking Capacity (kA) (I_{cn} = I_{cs})	6 kA
Standard Ampere Rating (A) (I_n)	6, 10, 16, 20, 25, 32, 40 A
Residual Operating Current (mA)	10*, 30 mA
Rated Voltage (V) (U_e)	240V ac (1P+N)
Frequency (Hz)	50/60 Hz
Dielectric Strength	2500 V
Operating Principal	Thermal-Magnetic
Time Delay Curves	C, D
Handle Colour	Black
Terminal Configuration	Pillar type
Max Conductor Size	25 mm ²
Terminal Torque	2.5 Nm
Electrical Endurance	10 000 cycles
Mechanical Endurance	30 000 cycles
IP Degree	IP20
Operating Temperature	-5°C to +55°C
Storage Temperature	-25°C to +70°C

*Note: Indent items only



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SFRSE1 Range | Selection Data

SFRSE1 Type A

Ampere Rating	BOM No.			
	10 mA*	30 mA	10 mA*	30 mA
	Curve C	Curve C	Curve D	Curve D
6	SFRSE1C6-10	SFRSE1C6	SFRSE1D6-10	SFRSE1D6
10	SFRSE1C10-10	SFRSE1C10	SFRSE1D10-10	SFRSE1D10
16	SFRSE1C16-10	SFRSE1C16	SFRSE1D16-10	SFRSE1D16
20	SFRSE1C20-10	SFRSE1C20	SFRSE1D20-10	SFRSE1D20
25	SFRSE1C25-10	SFRSE1C25	SFRSE1D25-10	SFRSE1D25
32	SFRSE1C32-10	SFRSE1C32	SFRSE1D32-10	SFRSE1D32
40	SFRSE1C40-10	SFRSE1C40	SFRSE1D40-10	SFRSE1D40
Qty / Box	1	1	1	1
Qty / CTN	120	120	120	120
CTN Size	40 x 29.5 x 17.5 cm			

*Note: Indent items only