

# THREE PHASE RCBO (ELECTRONIC)

## The CBI SFRSE7 Range

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

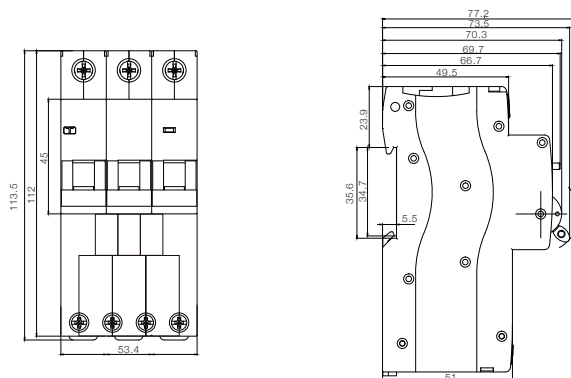


SFRSE7 |  
 Residual Current Operated Circuit Breaker |  
 3 + N | 10 kA

## Features



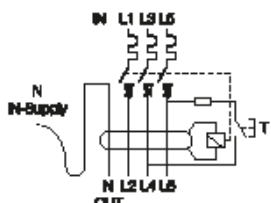
- > Provides overload, short circuit and earth leakage protection
- > Provides protection in the event of direct/indirect contact by the human body
- > Provides comprehensive protection to industrial and commercial distribution systems
- > Provides protection against insulation failure
- > Operate with or without built-in neutral lead
- > AS/NZS 61009.1 compliant
- > Handle is sealable and padlockable (with padlock attachment)

## SFRSE7 Range | Dimensions



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## SFRSE7 Range | Technical Data

	<b>SFRSE7</b>
Equipment Type	Residual Current Operated Circuit Breaker (Type A)
Standards	AS/NZS 61009.1
Approvals / Marks	SAA-192143-EA  
Number of Poles	3P+N
Rated Breaking Capacity (kA) (Icn)	10 kA
Standard Ampere Rating (A) (In)	6, 10, 16, 20, 25, 32, 40, 50, 63 A
Residual Operating Current (mA)	30, 100* mA
Rated Voltage (V) (Ue)	415V ac (3P+N)
Frequency (Hz)	50/60 Hz
Dielectric Strength	2500 V
Operating Principal	Thermal-Magnetic
Time Delay Curves	B*, C and D
Handle Colour	Black
Terminal Configuration	Pillar type
Max Conductor Size	25 mm <sup>2</sup>
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
Wiring Diagram	

\*Note: Indent items only

\*Note: Refer to the wiring diagram to ensure that the test button operation is not affected

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## SFRSE7 Range | Selection Data

### SFRSE7 Type A - Curve C

Ampere Rating	BOM No.	
	30 mA	100 mA
6	SFRSE7NC6	SFRSE7NC6-100
10	SFRSE7NC10	SFRSE7NC10-100
16	SFRSE7NC16	SFRSE7NC16-100
20	SFRSE7NC20	SFRSE7NC20-100
25	SFRSE7NC25	SFRSE7NC25-100
32	SFRSE7NC32	SFRSE7NC32-100
40	SFRSE7NC40	SFRSE7NC40-100
50	SFRSE7NC50	SFRSE7NC50-100
63	SFRSE7NC63	SFRSE7NC63-100
Qty / Box	1	1
Qty / CTN	32	32
CTN Size	54 x 25 x 17.5 cm	

### SFRSE7 Type A - Curve D

Ampere Rating	BOM No.	
	30 mA	100 mA
6	SFRSE7ND6	SFRSE7ND6-100
10	SFRSE7ND10	SFRSE7ND10-100
16	SFRSE7ND16	SFRSE7ND16-100
20	SFRSE7ND20	SFRSE7ND20-100
25	SFRSE7ND25	SFRSE7ND25-100
32	SFRSE7ND32	SFRSE7ND32-100
40	SFRSE7ND40	SFRSE7ND40-100
50	SFRSE7ND50	SFRSE7ND50-100
63	SFRSE7ND63	SFRSE7ND63-100
Qty / Box	1	1
Qty / CTN	32	32
CTN Size	54 x 25 x 17.5 cm	