

SPECIFICATION · RCBO

# R2-DE/FE 10kA ELECTRO-MAGNETIC RCBO



R2-DE/FE

DIN RAIL

## FUNCTION & FEATURE

- Made from the highest grade components
- Combined with RCCB/MCB in a compact design for personnel, fire and line protection
- This range of electromagnetic residual current devices with over current protection designed to comply with international standard
- Reliability in applications where the protection against earth leakage with overload & short circuit required for both active & neutral conductors
- 10kA rated breaking capacity makes the perfect choice to perform in an industrial or commercial application

## 01 TECHNICAL DATA

Rated Current (In)	A	6, 10, 16, 20, 25, 32, 40
Rated Voltage (Ue)	V	230/240,400/415
Number of Poles	—	1P+N,3P+N
Rated Breaking Capacity	Ultimate (Icn)	kA 10
	Service (Ics)	kA 7.5
Rated Residual Current (IΔn)	mA	30
Residual Tripping Characteristics	—	A
Rated Residual Making and Breaking Capacity (IΔm)	A	4500
Rated Frequency	Hz	50/60
IP Degree	—	IP20
Tripping Characteristics	—	B, C, D
Energy Limiting Class	—	3
Electrical Endurance	Cycles	4000
Mechanical Endurance	Cycles	10000
Cable Termination	mm <sup>2</sup>	25
Torque Screw	N.m	2.5
Terminal	—	Pillar Type

STANDARDS

IEC/EN 61009-1 AS/NZS 61009.1

10000 I <sub>cn</sub> · A	3 CLASS
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APPLICATIONS



Residential



Commercial



Industrial

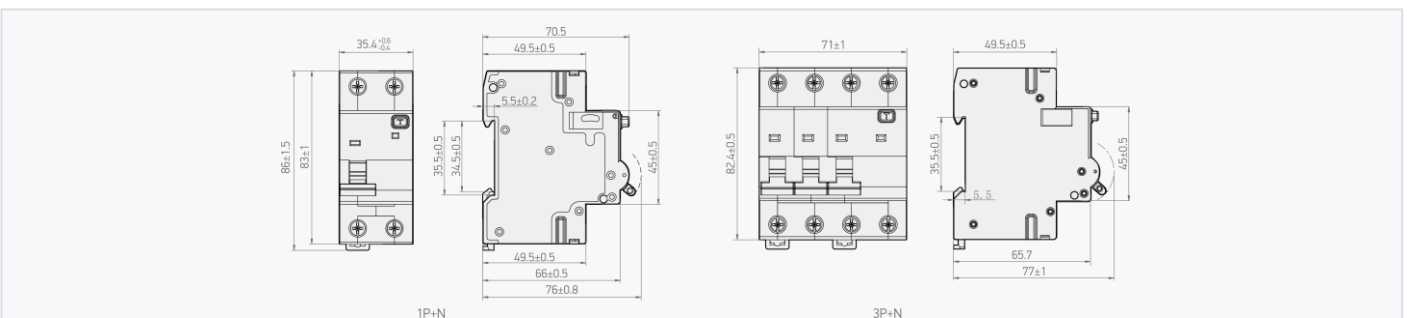
APPROVAL & MARKING



**RoHS**

## 02 DIMENSIONS

MM



ORDERING SYSTEM · 42 SKU

# R2-DE/FE 10kA ELECTRO-MAGNETIC RCBO

42 references - 2 number of pole\*7 rated currents\*3 curves(B,C,D)

## 03 SELECTION MATRIX

B / C / D

POLES	<b>1P+N,3P+N</b>	
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### Ordering System

#### Characteristics B,C,D

Poles	<b>1P+N</b>			
In A (30mA)	<b>B(3-5In)</b>	<b>C(5-10In)</b>	<b>D(10-20In)</b>	
6	R2DEB06	R2DEC06	R2DED06	
10	R2DEB10	R2DEC10	R2DED10	
16	R2DEB16	R2DEC16	R2DED16	
20	R2DEB20	R2DEC20	R2DED20	
25	R2DEB25	R2DEC25	R2DED25	
32	R2DEB32	R2DEC32	R2DED32	
40	R2DEB40	R2DEC40	R2DED40	

#### Characteristics B,C,D

Poles	<b>3P+N</b>			
In A (30mA)	<b>B(3-5In)</b>	<b>C(5-10In)</b>	<b>D(10-20In)</b>	
6	R2FEB06	R2FEC06	R2FED06	
10	R2FEB10	R2FEC10	R2FED10	
16	R2FEB16	R2FEC16	R2FED16	
20	R2FEB20	R2FEC20	R2FED20	
25	R2FEB25	R2FEC25	R2FED25	
32	R2FEB32	R2FEC32	R2FED32	
40	R2FEB40	R2FEC40	R2FED40	