

Earth Leakage Circuit Breakers - Technical Specifications

Type				F250	D100	D250	D400	D630
No of Poles				3	4	4	4	4
Frequency			Hz	50-60	50-60	50-60	50-60	50-60
Rated Current In (at 40°C)	A			40, 50, 63, 80, 100, 125, 160, 200, 250	40, 50, 63, 80, 100	125, 160, 200, 250	250, 315, 400	630
Rated Threshold Current	mA			30, 300, 500, 1000, 3000	30, 100, 300, 500	30, 100, 300, 500	100, 200, 300, 500	100, 200, 300, 500
Threshold Tripping Time (Adjustable)	mili second			100, 500, 1000	100, 300, 500, 1000	100, 300, 500, 1000	100, 300, 500, 1000	100, 300, 500, 1000
Instantaneous Tripping Time (Adjustable)	mili second			<200	<200	<200	<200	<200
Rated Operating Voltage	Ue	V	AC	400	400	400	400	400
Rated Insulation Voltage	Ui	V	AC	750	750	750	750	750
Rated Impulse Withstand Voltage	Uimp	kV	AC	8	8	8	8	8
Rated Ultimate Short Circuit Breaking Capacity	Icu	kA	400/415V AC	36	36	36	50	50
Rated Service Short Circuit Breaking Capacity	Ics	kA	400/415V AC	18	18	18	25	25
Pollution Degree				3	3	3	3	3
Electrical Life (Operation)	ON - OFF		400/415 V AC	5000	5000	5000	5000	4000
Mechanical Life Operation)	ON - OFF			15000	15000	15000	15000	10000
Overload Protection				>1.3xIn	>1.3xIn	>1.3xIn	>1.3xIn	>1.3xIn
Rated Short Circuit Breaking Protection				8xIn	8xIn	8xIn	8xIn	8xIn
Threshold Current Protection				(30-3000 mA)	(30-500 mA)	(30-500 mA)	(100-500 mA)	(100-500 mA)
Deactivation of Threshold Current Protection				Available	Available	Available	Available	Available
Ambient Temperature	°C			-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60
Storage Temperature	°C			-40 to +80	-40 to +80	-40 to +80	-40 to +80	-40 to +80
Dimensions	Width	mm		105	120	140	184	280
	Length	mm		252	203	221	302	347
	Depth	mm		89	68	86	103	103

