



RCBO'S - Residual current circuit breakers with overcurrent protection

IEC 61009-1

Series HD62
Series HD63N

For pulsating DC and AC fault currents
2- and 3 pole protected

Applications



Approval / Marking



Performances

Number of poles	2P, 3P+N
Number of modules	HD62: 3 HD63N: 4
Type	A
Tripping time at $I_{\Delta n}$ (instantaneous)	< 40 ms
Rated voltage	(Vn) HD62: 230V~ HD63N: 400V~
Rated current at 30°C	(In) HD62: $6A \leq I_n \leq 32A$ HD63N: $10A \leq I_n \leq 25A$
Tripping characteristics	HD62: B/C HD63: C
Power Supply	Top/Bottom
Rated residual current $I_{\Delta n}$	(mA) 30
Mechanical/electrical endurance	20000/10000
Operating temperature	-25°/+40°
Rated frequency	50/60 Hz
Protection degree	(outside/inside electrical enclosure) IP20/IP40
Fire resistance (glow wire test)	960°C
Terminal capacity flexible/rigid cable	(mm ²) 1.5/25 - 1/35
Torque	3Nm
Dimensions HWD	(mm) HD62: 92x54x65 HD63N: 92x72x74
Weight	(g) HD62: 350 HD63N: 475

Short-circuit capacity

HD62 according to IEC 61009-1

Residual making and breaking capacity	$I_{\Delta m} = 3000A$
Rated breaking capacity	6000A
Selectivity class	3

HD63N according to IEC 61009-1

Residual making and breaking capacity	$I_{\Delta m} = 3000A$
Rated breaking capacity	6000A
Selectivity class	3

Series HD62-HD63N



	Rated current (A)	Rated fault current (mA)	B		C		Pack.
			Cat. No.	Ref. No.	Cat. No.	Ref. No.	
2P	6	30	HD62B06/030	568148	HD62C06/030	568141	1
	10	30	HD62B10/030	568149	HD62C10/030	568142	1
	16	30	HD62B16/030	568150	HD62C16/030	568143	1
	20	30	HD62B20/030	568151	HD62C20/030	568144	1
	25	30	HD62B25/030	568152	HD62C25/030	568145	1
	32	30	HD62B32/030	568153	HD62C32/030	568146	1



3P+N	10	30	-	-	HD63NC10/030	568195	1
	13	30	-	-	HD63NC13/030	568196	1
	16	30	-	-	HD63NC16/030	568197	1
	20	30	-	-	HD63NC20/030	568198	1
	25	30	-	-	HD63NC25/030	783521	1