

NFIN series Earth Leakage Circuit Breaker

APPLICATION

The Residual Current Device (RCD) NFIN is in conformity with the standards of IEC 1008, VDE 0664, CEE27 and BS 4293.

It can cut off the fault circuit immediately on the occasion of shock hazard or earth leakage of trunk line. Thus it is suitable to avoid the shock hazard and fire caused by earth leakage.

NFIN RCD is mainly suitable for using in varieties of plants, enterprises, buildings, constructions, commerce, hotels and families, it can be used in circuits up to single phase 240V, three-phase 415V, 50 or 60Hz.



NFIN 2P 25A



NFIN 2P 40A



NFIN 4P 25A



NFIN 4P 40A

SPECIFICATIONS

Type	NFIN25	NFIN40	NFIN63	NFIN100
Rated current I_n (A)	25	40	63	100
Rated operating current for earth leakage $I_{\Delta n}$ (A)	0.03, 0.1, 0.3, 0.5		0.1, 0.3, 0.5	
Rated non-operating current for earth leakage $I_{\Delta n}$ (A)	0.5 $I_{\Delta n}$			
Voltage U_n (A)	240(220)		415(380)	
Poles (P)	2, 4			

MAIN TECHNICAL DATA

Operating time (second)	$I_{\Delta n}$	$2I_{\Delta n}$	0.25A(or 5 $I_{\Delta n}$)
	0.2	0.1	0.04
Limited value of non-operating current for balance load or unbalance load	2 I_n		
In minimum value of rated making and breaking capacity	$I_n=25$ 200	$I_n=40$ 300	$I_n=63$ 400
Rated conditional short circuit current I_{nc} (A)	1500	2000	3000
Endurance (times)	4000		

DIMENSIONS

