

NZ30LE (DPN) Residual Current >>> Circuit Breaker with operation protection



1.Application

DZ30LE series is used in the single phase circuit of AC 50Hz/60Hz, rated voltage 230V, used as electron shock protection. It can protect circuit form overload and short circuit. This product has advantages of small volume, high breaking capacity, live and zero wire are cut off at the same time, also protecting person from electric shock when the live wire connected oppsite. It conforms with the standards of IEC61009.

2.Main Technical Parameter

Type	DZ30LE-32	DZ30LE-63
Pole	1P+N	1P+N
Rated current(A)	6.10.16.20.25.32	6.10.16.20.25.32.40.50.63
Rated voltage(V)	230	230
Rated residual action current In(A)	0.03	0.03
Rated residual non-action current I _{no} (A)	0.015	0.015
Rated residual making/breaking capacity Im(A)	500	500
Type of instantaneous release	C	C
Rated making/breaking capacity Im(A)	4500	4500

3.Main Technical Parameter

Rated current(A)	Nominal cross section of wire mm ²
$I_n \leq 6$	1
$6 < I_n \leq 13$	1.5
$13 < I_n \leq 20$	2.5
$20 < I_n \leq 25$	4
$25 < I_n \leq 32$	6
$40 < I_n \leq 50$	10
$50 < I_n \leq 63$	16

4.Residual current breaking time & over-current protection property

I _n (A)	I _n (A)	Breaking time(s) when equals to rating following					
		I _n	2I _n	5I _n	5,10,20,50,100,200,500a(A)	I _{tb}	
6-32	0.03	0.1	0.06	0.04	0.04	0.04	

5.Dimension & mounting

