

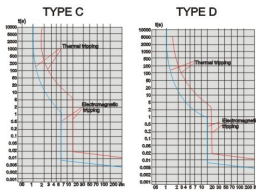
DZ47-63(C45N) Mini Circuit Breaker



Application

DZ47-63(C45N) series circuit breaker is used in lighting distribution system or motor distribution system for overload and short circuitprotecting in the system. The product is neoteric in structure, light in weight, reliable and excellent in performance. Its frame and parts adopt of high fire resistant and shockproof plastics. The product, with long life, is mainly used in AC 50Hz/60Hz single pole 240V or two, three, four poles up to 415V circuit for overload and short circuit protection, as well as for unrequent switching on&off electric equipment and lighting circuit under normal condition. The product comply with IEC 60898 & GB10963-1999.

Characteristic Curve



Rated making and breaking capacity

DZ47-63(C45N) (C curve)			
Rated current(A)	Pole number	Voltage(V)	Breaking capacity
1-40	1P	240	6000
1-40	2,3,4P	415	6000
50-60	1P	240	4000
50-60	2,3,4P	415	4000

DZ47-63(C45N)(D curve)			
Rated current(A)	Pole number	Voltage(V)	Breaking capacity
1-60	1P	240	4000
1-60	2,3,4P	415	4000

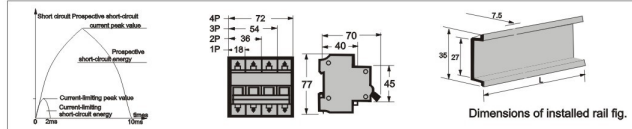
Over current protective characteristic

Rated current of release In (A)	Initial state	Test current	Set time	Prospective result	Remarks
1-60	Cold state	1.13In	t>=1h	Non-tripping	
1-60	Made the test following closely	1.45In	t>1h	Tripping	Current up to specified value smoothly in 5s
In<=32	Cold state	2.55In	Is<t<60s	Tripping	
In<=32	Cold state	2.55In	Is<t<120s	Tripping	
1-60	Cold state	5In	t>=0.1s	Non-tripping	C curve
1-60	Cold state	10In	t>=0.1s	Tripping	C curve
1-60	Cold state	10In	t>=0.1s	Non-tripping	D curve
1-60	Cold state	14In	t>=0.1s	Tripping	D curve

Specification

Setting temperature of protective characteristics at 40°C
Rated Voltage:240V/415V
Rated Current:1,3,6,10,16,20,25,32,40,50,63A
Electrical life: 6000 times operations
Mechanical life:(O-C) exceeding 20000 times operations

Dimension



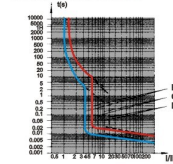
YCB1-100(NC 100H) Mini Circuit Breaker



Application

YCB1-100 high breaking capacity circuit breaker is used in AC 50Hz or 60Hz, single pole 240V, 2, 3, 4, poles 415V, for protecting the circuit which overload and short circuit may take place. It can be used in lighting and electric motor distribution system. Meantime it is applicable to unfrequently switch the electric apparatus and light circuit under the normal conditions. The products comply with IEC 60898 & GB10963-1999.

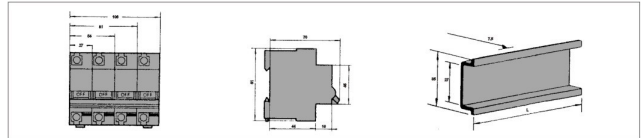
Characteristic Curve



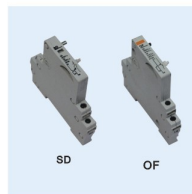
Specification

Rated current (A)	Pole number (P)	Rated voltage (V)	Breaking capacity
50	1	130	10000
63		230/240	10000
80		400/415	4000
80	2, 3, 4	230/240	10000
100		400/415	10000
100		440	6000

Dimension



Auxiliary Circuit Breaker



Width (mm)	9	Width (mm)	9
Voltage (V)		Voltage (V)	
Code	27132	Code	27135



Specification

*Rated short circuit breaking capacity (pf = 0.6)

Voltage [V]	Current[A]
380/415V AC	3
220/240V AC	6
250V DC	0.4
125V DC	1
48V DC	2
24V DC	6