

XL8-63

MINI CIRCUIT BREAKER (AC MCB)



Application

XL8 AC MCB is applicable to a line of AC50/60Hz, 230/400V in single pole, 400V in double, three, four poles for protecting overload and short circuit, and rated current up to 63A. It can also be used for infrequent line conversion under the normal condition. The breaker is applicable to lighting distribution system in industrial enterprise, commercially district, high-rise building and dwelling house. It conforms with the standards of IEC60898 -1.

Main Technical Parameter

Type	XL8-63			
Pole	1P		2P,3P,4P	
Rated current (A)	6, 10, 16, 20, 25, 32, 40, 50, 63			
Rated voltage(V)	230 / 400		400	
Ambient temperature	-5℃ ~+40℃			
Type of instantaneous release	C	D	C	D
Rated short circuit breaking capacity Icn(kA)	1-32A: 6 50-63A: 4	4	1-32A: 6 50-63A: 4	4

Rated current(A)	Normal cross section of wire mm ²
1-6A	1
10A	1.2
16,20A	2.5
25A	4
32A	6
40,50A	10
63A	16

XL8-63

MINI CIRCUIT BREAKER (AC MCB)

The Over-current Protection Property

Ambient temperature	Initial status	Test current	Test time	Expected result	Note
30±2℃	Cold position	1.13 I _n	t≤1h	Non-release	
	Carried out immediately after previous test	1.45 I _n	t<1h	Release	
	Cold position	2.55 I _n	1s<t<60s (I _n ≤32A)	Release	Current smoothly rises to specified value within 5s
	Cold position	2.55 I _n	1s<t<120s (I _n >32A)	Release	
-5~+40℃	Cold position	3 I _n	t≤0.1s	Non-release	Type B
	Cold position	5 I _n	t<0.1s	Release	Type B
	Cold position	5 I _n	t≥0.1s	Non-release	Type C
	Cold position	10 I _n	t<0.1s	Release	Type C
	Cold position	10 I _n	t≥0.1s	Non-release	Type D
	Cold position	20 I _n	t<0.1s	Release	Type D

Dismantling

