

AB Series Moulded Case Circuit Breaker

Application

AB series MCCB is suitable for industrial or commercial power and lighting with Ac50/60Hz, rated working voltage up to Ac600V/DC250V, rated current up to 630A. It's a kind of economical breaker with the characters of stable and reliable function, beautiful appearance, small size and long life. It can be used for conversion of line and infrequent starting motor. It can also be attached to install the accessories which have protection function for avoiding loss-voltage, undervoltage. The product can install connection line with front board and back board, it also can equip hand-operating apparatus or motor-operating apparatus to control in a remote distance.

Specification

The rated insulation voltage for this series of circuit breaker is 690V, the rated operating voltage is 600V, the rated frequency is 50Hz, the other rated values for the main circuit.



AB-53S



AB-63S



AB-103S



AB-203S



AB-403S

Type	2pole 3pole	AB-32E AB-33S	AB-52E AB-53E	AB-52S AB-53S	AB-62E AB-63E	AB-62S AB-63S
Frame size(AF)		30	50		60	
Rated current In(A)		5,10,15,20,30	5,10,15,20,30,40,50		60	
Rated operating voltage(V) Ue (50/60Hz)		600	600	600	600	600
Rated insulation voltage(V) Ui (50/60Hz)		690	690	690	690	690
Rated impulse withstand voltage(KV) Uimp		6	6	6	6	6
Ultimate breaking capacity (KA,Icu AC 50/60Hz)	220V/240V	10	10	10	10	10
	380V	7.5/5	7.5/5	7.5/5	7.5/5	7.5/5
	415V	7.5/5	7.5/5	7.5/5	7.5/5	7.5/5
	440/460V	5	5	5	5	5
	480/500V	2.5	2.5	2.5	2.5	2.5
	600V	2.5	2.5	2.5	2.5	2.5
Utilisation category		A	A	A	A	A
Endurance	Mechanical	8500	8500	8500	8500	8500
	Electrical	1500	1500	1500	1500	1500

Type	2pole	AB-102E	AB-102S	AB-203E	AB-203S	AB-403E	AB-403S
	3pole	AB-103E	AB-103S				
Frame size(AF)		100		225		400	
Rated current(A)		5,10,15,20,30,40,50,60,75,100	15,20,30,40,50,60,75,100	100,125,150,175,200,225		250,300,350,400	
Rated operational voltage(V) Ue (50/60Hz)		600	600	600	600	600	600
Rated insulation voltage(V) Ui (50/60Hz)		690	690	690	690	690	690
Rated impulse withstand voltage(KV) Uimp		6	6	6	6	6	6
Ultimate breaking capacity (KA,Icu AC 50/60Hz)	220V/240V	10	50	35	50	35	50
	380V	7.5/5	25	18	25	30	42
	415V	7.5/5	25	18	25	25	35
	440/460V	5	25	18	25	25	35
	480/500V	2.5	25	10	14	18	25
	600V	2.5	14	7.5	10	18	22
Utilisation category		A	A	A	A	A	A
Endurance	Mechanical	8500	8500	7000	7000	4000	400
	Electrical	1500	1500	1000	1000	1000	1000