

# 1000/1200AF MCCB

## ABS1000b/1200b, ABL1000b/1200b

### Ratings



Frame size	1000AF		1200AF			
Type and Pole	S-Type	L-Type	S-Type	L-Type		
2-pole	-	-	-	-		
3-pole	<b>ABS1003b</b>	<b>ABL1003b</b>	<b>ABS1203b</b>	<b>ABL1203b</b>		
4-pole	<b>ABS1004b</b>	<b>ABL1004b</b>	<b>ABS1204b</b>	<b>ABL1204b</b>		
Rated current, In	1000A		1200A			
Rated operational voltage, Ue			AC: 600V			
Rated insulation voltage, Ui			690V			
Rated impulse withstand voltage, Uimp			6kV			
Rated short-circuit breaking capacity, lcu		S-Type	L-Type			
IEC 60947-2 (lcu)	AC	690V	45kA	65kA		
		480/500V	50kA	75kA		
		<b>415/460V</b>	<b>65kA</b>	<b>85kA</b>		
		380V	65kA	85kA		
		<b>220/250V</b>	<b>100kA</b>	<b>125kA</b>		
Ics=100%lcu	125V	50kA	50kA	50kA		
Protective function			Overload, Short-circuit			
Type of trip unit	Thermal-Magnetic					
Magnetic trip range	3~6 × In					
Endurance	Mechanical	2500 operations				
	Electrical	500 operations				
Connection	Standard	Front connection				
Mounting	Standard	Screw fixing				
Dimensions (mm)		Pole	3p	4p		
		a	220	290		
		b	400	400		
		c	105	105		
		d	159	159		
Weight, kg	Standard	19.6	25.7			
Certification		Pole	3p	4p		
CE marking						

#### For more information

- Drawings ▶ 98 page
- Trip curves ▶ 91 page

## Ordering types

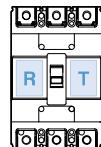
### Breaker types

ABS type (65kA/460V)		
Rated current, In	3-pole	4-pole
1000 A	ABS1003b/1000	ABS1004b/1000
1200 A	ABS1203b/1200	ABS1204b/1200

ABL type (85kA/460V)		
Rated current, In	3-pole	4-pole
1000 A	ABL1003b/1000	ABL1004b/1000
1200 A	ABL1203b/1200	ABL1204b/1200

### Option of below items for T-position

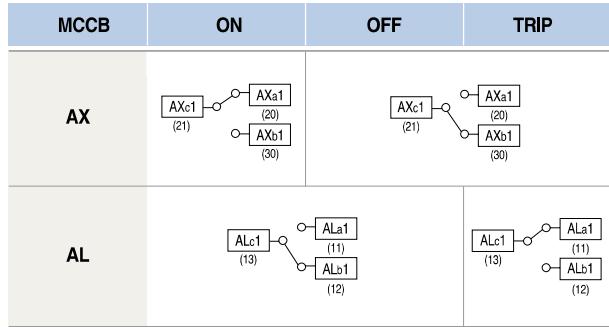
AX1	Auxiliary Switch (1c)
AX2	Auxiliary Switch (2c)
AL1	Alarm Switch (1c)
AL2	Alarm Switch (2c)
AX1+AL	Auxiliary (1c) + Alarm (1c) Switch
AX2+AL	Auxiliary (2c) + Alarm (1c) Switch



### Option of below items for R-position

SHT	Shunt Trip
UVT	Undervoltage trip

### Contact operation for Auxiliary and Alarm Switches



### Contact rating for Auxiliary and Alarm Switches

Voltage (V)	AC		DC	
	Resistive load	Inductive load	Voltage (V)	Current (A)
125	20	20	30	6
250	20	20	125	0.4
500	10	5	250	0.2

### Rating for Shunt trip (SHT)

	Control voltage	Time rating	Operational voltage
AC	100~110V	Continuous	85~110% of control voltage
	200~220V		
	380~440V		
DC	48V		75~125% of control voltage
	100~110V		
	200~220V		

### Rating for Undervoltage release (UVT)

	Control voltage	Time rating	Operational voltage	Trip voltage
AC	100~110V	Continuous	85~110% of control voltage	20~70% of control voltage
	200~220V			
	380~440V			
DC	100V		85~125% of control voltage	20~70% of control voltage
	200V			