

250AF MCCB

ABN250c, ABS250c, ABH250c, ABL250c

Metasol



ABS202c



ABS203c

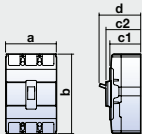


ABS204c

For more information

- Drawings ▶ 111 page
- Trip curves ▶ 103 page
- Accessories ▶ 74 page
- Connection and mounting ▶ 127 page

Ratings

Frame size			250AF														
Type and pole			N-type			S-type			H-type			L-type					
			2-pole			ABN202c			ABS202c			ABH202c			ABL202c		
			3-pole			ABN203c			ABS203c			ABH203c			ABL203c		
			4-pole			ABN204c			ABS204c			ABH204c			ABL204c		
Rated current, In			100-125-150-175-200-225-250A														
Rated operational voltage, Ue			AC: 690V														
			DC: 500V														
Rated insulation voltage, Ui			AC: 1,000V														
Rated impulse withstand voltage, Uimp			8kV														
Rated short-circuit breaking			N-type			S-type			H-type			L-type					
capacity, Icu IEC 60947-2 (Icu)	AC	690V	8kA			8kA			10kA			10(10)kA					
		480/500V	18kA			26kA			35kA			35(35)kA					
		460V	26kA			37kA			50kA			60(50)kA					
		415V	26kA			37kA			50kA			60(50)					
		380V	30kA			42kA			50kA			60(50)					
		220/250V	65kA			85kA			100kA			125(100)kA					
	DC	500V (3P)	10kA			20kA			30kA			30(30)kA					
		250V (2P)	10kA			20kA			30kA			30(30)kA					
Ics=%×Icu			100%			100%			100%			()					
Protective function			Overload, Short-circuit														
Type of trip unit			Thermal-Magnetic														
Magnetic trip range			12×In														
Endurance	Mechanical		25,000 operations														
	Electrical		10,000 operations														
Connection	Standard		Front connection														
	Optional		Rear connection														
			Plug-in														
Mounting	Standard		Screw fixing														
Dimensions (mm)		Pole	2p	3p	4p	2p	3p	4p	2p	3p	4p	2p	3p	4p			
		a	60	90	120	690	120	140	105	105	140	105	105	140			
		b	155			155			165			165					
		c1 Note)	60			60			60			60					
		c2 Note)	64			64			64			64					
		d	82			82			87			87					
		Weight, kg	Standard	0.7	1	1.2	0.7	1	1.2	1.1	1.2	1.6	1.1	1.2	1.6		
Certification		Pole	2p	3p	4p	2p	3p	4p	2p	3p	4p	2p	3p	4p			
CE marking		CE	○			○			○			○					

Note) 1. Depth by door cut size : c1 for large cut, c2 for small cut
 2. 4-pole product's ampacity on neutral conductor is equal to or less than 50% of the rated current.
 3. The Ics(service breaking capacity) of ABL250AF are in ()

Ordering types

Breaker types

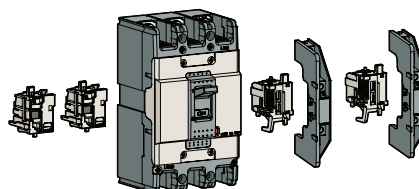
ABN type (26kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
100 A	ABN202c/100	ABN203c/100	ABN204c/100
125 A	ABN202c/125	ABN203c/125	ABN204c/125
150 A	ABN202c/150	ABN203c/150	ABN204c/150
175 A	ABN202c/175	ABN203c/175	ABN204c/175
200 A	ABN202c/200	ABN203c/200	ABN204c/200
225 A	ABN202c/225	ABN203c/225	ABN204c/225
250 A	ABN202c/250	ABN203c/250	ABN204c/250

ABS type (37kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
100 A	ABS202c/100	ABS203c/100	ABS204c/100
125 A	ABS202c/125	ABS203c/125	ABS204c/125
150 A	ABS202c/150	ABS203c/150	ABS204c/150
175 A	ABS202c/175	ABS203c/175	ABS204c/175
200 A	ABS202c/200	ABS203c/200	ABS204c/200
225 A	ABS202c/225	ABS203c/225	ABS204c/225
250 A	ABS202c/250	ABS203c/250	ABS204c/250

ABH type (50kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
100 A	ABH202c/100	ABH203c/100	ABH204c/100
125 A	ABH202c/125	ABH203c/125	ABH204c/125
150 A	ABH202c/150	ABH203c/150	ABH204c/150
175 A	ABH202c/175	ABH203c/175	ABH204c/175
200 A	ABH202c/200	ABH203c/200	ABH204c/200
225 A	ABH202c/225	ABH203c/225	ABH204c/225
250 A	ABH202c/250	ABH203c/250	ABH204c/250

ABL type (60kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
100 A	ABL202c/100	ABL203c/100	ABL204c/100
125 A	ABL202c/125	ABL203c/125	ABL204c/125
150 A	ABL202c/150	ABL203c/150	ABL204c/150
175 A	ABL202c/175	ABL203c/175	ABL204c/175
200 A	ABL202c/200	ABL203c/200	ABL204c/200
225 A	ABL202c/225	ABL203c/225	ABL204c/225
250 A	ABL202c/250	ABL203c/250	ABL204c/250

Accessories



Electrical auxiliaries

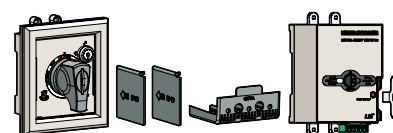
AX	Auxiliary switch
AL	Alarm switch
AX+AL	Combination switch
SHT	Shunt trip
UVT	Undervoltage trip



Maximum possibilities

T-position	One of above auxiliaries
R-position	Option of AX or AL or AX+AL

Note) For more detail see 74 page



External accessories

ABH250c	Name
B33	Insulation barrier
TCL33	Terminal cover (Long) - Inde type, D-handle type, N-handle type
TCS33	Terminal cover (Short) - Inde type, D-handle type, N-handle type
DH250	Rotary handle (Direct)
DHK250	Rotary handle (Direct, Key lock)
EH250	Rotary handle (Extended)
RTB3	Rear terminal (Bar)
RTR3	Rear terminal (Round)
PBA250C	Plug-in kit
Handle lock	
MOP-M3	Remote operation

Note) For more detail see 82 page

- Inde type: This cover is used without auxiliary handle.
- D-handle type: This cover is used with D-handle.
- N-handle type: This cover is used with N-handle.