

250AF MCCB

ABN250c, ABS250c, ABH250c, ABL250c

Metasol



ABS202c



ABS203c



ABS204c

For more information

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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: 1000V													
Rated impulse withstand voltage, Uimp		8kV													
Rated short-circuit breaking capacity, Icu		N-type			S-type			H-type			L-type				
AC		690V		8kA		8kA		10kA		10 (10)kA					
IEC 60947-2 (Icu)		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=%xIcu		100%			100%			100%			()				
Protective function		Overload, short-circuit													
Type of trip unit		Thermal-magnetic													
Magnetic trip range		12xIn													
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	
		a		60		90		120		690		120		140	
		b				155				155				165	
		c1 <small>Note1</small>				60				60				60	
		c2 <small>Note1</small>				64				64				64	
		d				82				82				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	
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

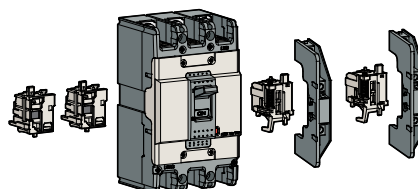
ABN type (26kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
100 A	ABN202c/100	ABN203c/100	ABN204c/100
125 A	ABN202c/125	ABN203c/125	ABN204c/125
150 A	ABN202c/150	ABN203c/150	ABN204c/150
175 A	ABN202c/175	ABN203c/175	ABN204c/175
200 A	ABN202c/200	ABN203c/200	ABN204c/200
225 A	ABN202c/225	ABN203c/225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

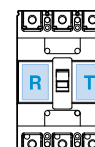
ABL type (60kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
100 A	ABL202c/100	ABL203c/100	ABL204c/100
125 A	ABL202c/125	ABL203c/125	ABL204c/125
150 A	ABL202c/150	ABL203c/150	ABL204c/150
175 A	ABL202c/175	ABL203c/175	ABL204c/175
200 A	ABL202c/200	ABL203c/200	ABL204c/200
225 A	ABL202c/225	ABL203c/225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

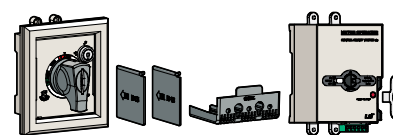


Maximum possibilities

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

Note) For more detail see 7-1 page

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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 7-9 - 7-26 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.