

250AF MCCB

ABN250c, ABS250c, ABH250c

Metasol



ABS202c



ABS203c

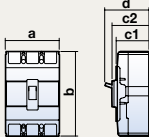


ABS204c

For more information

- Drawings ▶ 78 page
- Trip curves ▶ 74 page
- Accessories ▶ 60 page
- Connection and mounting ▶ 89 page

Ratings

Frame size			250AF								
Type and Pole			N-Type			S-Type			H-Type		
2-pole			ABN202c			ABS202c			ABH202c		
3-pole			ABN203c			ABS203c			ABH203c		
4-pole			ABN204c			ABS204c			ABH204c		
Rated current, In			100-125-150-175-200-225-250A								
Rated operational voltage, Ue			AC: 690V								
			DC: 500V								
Rated insulation voltage, Ui			AC: 750V								
Rated impulse withstand voltage, Uimp			8kV								
Rated short-circuit breaking capacity, Icu			N-Type			S-Type			H-Type		
IEC 60947-2 (Icu) Ics=100%Icu	AC	690V	8kA			8kA			10kA		
		480/500V	18kA			26kA			35kA		
		460V	26kA			37kA			50kA		
	DC	415V	26kA			37kA			50kA		
		380V	30kA			42kA			50kA		
		220/250V	65kA			85kA			100kA		
DC	500V(3P)	10kA			20kA			30kA			
	250V(2P)	10kA			20kA			30kA			
Protective function			Overload, Short-circuit								
Type of trip unit			Thermal-Magnetic								
Magnetic trip range			12 × In								
Endurance	Mechanical		25000 operations								
	Electrical		10000 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
	a		105	105	140	105	105	140	105	105	140
	b		165			165			165		
	c1 <i>Note)</i>		60			60			60		
	c2 <i>Note)</i>		64			64			64		
	d		87			87			87		
Weight, kg		Standard	1.1	1.2	1.6	1.1	1.2	1.6	1.1	1.2	1.6
Certification		Pole	2p	3p	4p	2p	3p	4p	2p	3p	4p
CE marking		CE	○			○			○		

Note) Depth by door cut size : c1 for large cut, c2 for small cut

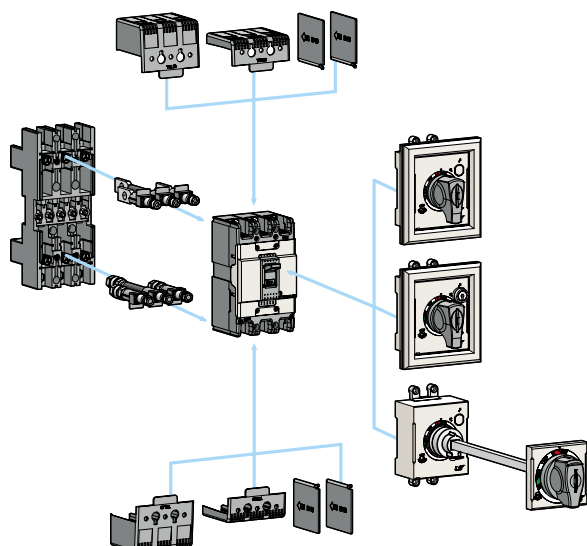
Ordering types

Breaker types

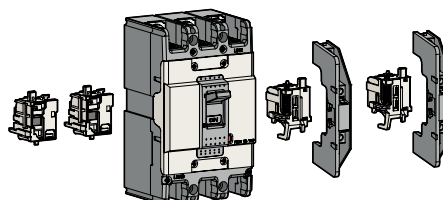
ABN type (25kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
100 A	ABN202c/100	ABN203c/100	ABN204c/100
125 A	ABN202c/125	ABN203c/125	ABN204c/125
150 A	ABN202c/150	ABN203c/150	ABN204c/150
175 A	ABN202c/175	ABN203c/175	ABN204c/175
200 A	ABN202c/200	ABN203c/200	ABN204c/200
225 A	ABN202c/225	ABN203c/225	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



Accessories



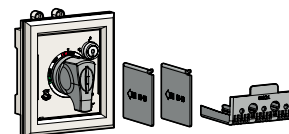
Electrical auxiliaries

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 60 page



External accessories

ABH250c	Name
B33	Insulation barrier
TCL33	Terminal cover (Long)
TCS33	Terminal cover (Short)
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
PHL250	Pad handle lock

Note) For more detail see 65 page