

800AF MCCB

ABN800c, ABS800c, ABL800c



ABS803c



ABL804c

Ratings

Frame size		800AF									
Type and Pole		N-Type			S-Type			L-Type			
2-pole		ABN802c			ABS802c			ABL802c			
3-pole		ABN803c			ABS803c			ABL803c			
4-pole		ABN804c			ABS804c			ABL804c			
Rated current, In		500-630-700-800A									
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			L-Type			
AC 690V		8kA			10kA			14kA			
480/500V		25kA			45kA			65kA			
IEC 60947-2 (Icu)		415/460V			37kA			65kA			
380V		45kA			75kA			100kA			
220/250V		50kA			85kA			125kA			
DC 500V(3P)		10kA			20kA			40kA			
250V(3P)		10kA			20kA			40kA			
Ics=100%Icu		125V			100%			75%			
Protective function		Overload, Short-circuit									
Type of trip unit		Thermal-Magnetic									
Magnetic trip range		8-12In									
Endurance		Mechanical			2500 operations						
		Electrical			500 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	210	210	280	210	210	280	210	210	280
		b		280			280			280	
		c1 <small>Note)</small>		109			109			109	
		c2 <small>Note)</small>		113			113			113	
		d		145			145			145	
		Weight, kg	Standard	11	11.5	18.2	11	11.5	18.2	11	11.5
Certification		Pole	2p	3p	4p	2p	3p	4p	2p	3p	4p
CE marking		CE		o			o			o	

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

For more information

- Drawings ▶ 80 page
- Trip curves ▶ 75 page
- Accessories ▶ 61 page
- Connection and mounting ▶ 90 page

Ordering types

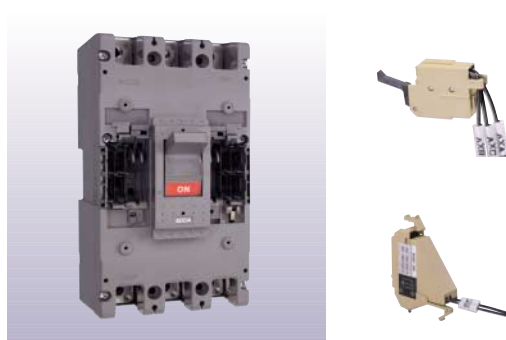
Breaker types

ABN type (37kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
500 A	ABN802c/500	ABN803c/500	ABN804c/500
630 A	ABN802c/630	ABN803c/630	ABN804c/630
700 A	ABN802c/700	ABN803c/700	ABN804c/700
800 A	ABN802c/800	ABN803c/800	ABN804c/800

ABS type (65kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
500 A	ABS802c/500	ABS803c/500	ABS804c/500
630 A	ABS802c/630	ABS803c/630	ABS804c/630
700 A	ABS802c/700	ABS803c/700	ABS804c/700
800 A	ABS802c/800	ABS803c/800	ABS804c/800

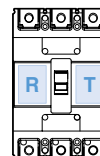
ABL type(85kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
500 A	ABL802c/500	ABL803c/500	ABL804c/500
630 A	ABL802c/630	ABL803c/630	ABL804c/630
700 A	ABL802c/700	ABL803c/700	ABL804c/700
800 A	ABL802c/800	ABL803c/800	ABL804c/800

Accessories



Electrical auxiliaries

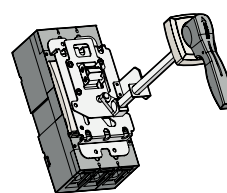
AX	Auxiliary Switch
AL	Alarm Switch
SHT	Shunt Trip
UVT	Undervoltage trip



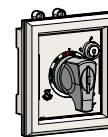
Maximum possibilities

T-position	Option of 2AX, 2AL and SHT or UVT
R-position	Option of 2AX, 2AL and SHT or UVT

Note) For more detail see 61 page



E-80U



N-80

External accessories

IBL800	Insulation barrier
T1-63A	Terminal cover (Long) - 2, 3pole
T1-64A	Terminal cover (Long) - 4pole
N-80	Rotary handle (Direct)
E-80U	Rotary handle (Extended)
MI-83S	Mechanical interlock - 2, 3pole
MI-84S	Mechanical interlock - 4pole
X-802	Rear terminal - 2pole
X-803	Rear terminal - 3pole
X-804	Rear terminal - 4pole
PB-J3-FR	Plug-in kit

Note) For more detail see 65 page