

Quick selection table

MCCBs

30AF to 225AF

Frame size (AF)		100	
Frame type		GBN	
Breaking capacity(kA), Icu at 415VAC		35	
Number of poles		3	
Type	2 pole		
	3 pole	GBN103	
	4 pole		
Rated current (A)		16, 20, 25, 32, 40, 50, 63, 80, 100 Thermally adjustable; (0.8- 0.9-1.0) × In	
Technical data conforming to IEC/EN60947-2			
Rated operational voltage(V), Ue(50/60Hz)		600	
Rated operational voltage(V), Ue(DC)		250	
Rated insulation voltage(V), Ui(50/60Hz)		690	
Rated impulse withstand voltage(kV), Uimp		6	
Ultimate breaking capacity(kA), Icu			
AC 50/60Hz	220/240V	50	
	380V	35	
	415V	35	
	440/460V	35	
	480/500V	30/22	
	600V	18	
DC	125V	-	
	250V	35	
Service breaking capacity(%Icu), Ics		75	
Category of use		A	
Endurance	Mechanical	20000	
(Number of operations)	Electrical	10000	
Type of trip unit			
Thermal-magnetic release		Adjustable-thermal, Fixed-magnetic	
Electronic release			
Pre-alarm via LED			
Hydraulic-magnetic release			
Magnetic release only without thermal trip			
Earth leakage protection for 3 pole			
Accessories			
Electrical auxiliaries	Auxiliary switch	●	
	Alarm switch	●	
	Shunt trip	●	
	Undervoltage trip	●	
External accessories	Direct rotary handle	●	
	Extended rotary handle	●	
	Terminal shield	●	
	Insulation barrier	●	
	Rear connection	●	
	Mechanical interlock	-	
	Plug-in device(3 pole)	●	
	Motor operator	-	
Dimensions (W × H × Dmm)	3 pole breaker	90 × 140 × 86	
Weight(kg)	2 pole	1.1	
	3 pole	1.2	
	4 pole	1.5	
Reference page no.		47	



* Note) 1. ● applicable or available
 2. ▲ available as a separate breaker
 3. (3) Breaking capacity(at 415VAC) of ABS32b 3A ABS33b 3A is 2.5kA