



60		100							225		
ABE	ABS	ABE	ABS	ABH	GBN	GBH	GBL	GBL(E)	ABE	ABS	ABH
5	10	10	25	35	35	50	85	85	18	25	35
2, 3	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	3	2, 3, 4	2, 3, 4	2, 3, 4
ABE62b	ABS62b	ABE102b	ABS102b	ABH102b	GBN102	GBH102	GBL102		ABE202b	ABS202b	ABH202b
ABE63b	ABS63b	ABE103b	ABS103b	ABH103b	GBN103	GBH103	GBL103	GBL103E	ABE203b	ABS203b	ABH203b
	ABS64b	ABE104b	ABS104b	ABH104b	GBN104	GBH104	GBL104		ABE204b	ABS204b	ABH204b
60		5, 10, 15, 20 30, 40, 50 60, 75, 100	15, 20, 30, 40, 50 60, 75, 100		16, 20, 25, 32, 40, 50, 63, 80, 100 Thermally adjustable ; (0.8- 0.9-1.0) × In			50 Electronically adjustable ; (0.5-0.6-0.7-0.8- 0.9-1.0) × In	100, 125, 150, 175, 200, 225		
600	600	600	600	600	600	600	600	600	600	600	600
250	250	250	250	250	250	250	250	-	250	250	250
690	690	690	690	690	690	690	690	690	690	690	690
6	6	6	6	6	6	6	6	6	6	6	6
10	25	25	50	65	50	85	125	125	35	50	65
7.5/5	14/10	14/10	25	35	35	50	85	85	18	25	35
7.5/5	14/10	14/10	25	35	35	50	85	85	18	25	35
5	10	10	25	35	35	50	85	85	18	25	35
2.5	7.5	7.5	14	25	30/22	42/35	65/50	65/50	10	14	25
2.5	5	5	10	18	18	25	35	35	7.5	10	18
5	10	10	20	25	-	-	-	-	15	20	25
2.5	5	5	14	18	35	50	85	85	10	14	18
50	50	50	50	50	75	75	75	75	50	50	50
A	A	A	A	A	A	A	A	A	A	A	A
8500	8500	8500	8500	8500	20000	20000	10000	10000	7000	7000	7000
1500	1500	1500	1500	1500	10000	10000	5000	5000	1000	1000	1000
			fixed	fixed	Adjustable-thermal, Fixed-magnetic				fixed	fixed	fixed
								LSIA configuration			
								●			
fixed	fixed	fixed									
▲	▲	▲	▲	▲			▲		▲	▲	▲
●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
75 × 130 × 60		75 × 130 × 60		90 × 155 × 60		90 × 140 × 86		105 × 165 × 86		105 × 165 × 60	
0.45	0.45	0.45	0.7	0.7	1.1	1.1	1.5	1.5	1.1	1.1	1.
0.65	0.65	0.65	1.1	1.1	1.2	1.2	1.7	1.7	1.2	1.2	1.2
	0.85	0.85	1.2	1.2	1.5	1.5	2.1	7.8	1.5	1.5	1.5
30		31		43		44		32			

Quick selection table

MCCBs | 250AF to 1200AF

Frame Size(AF)		250				400		
Frame Type(AF)		GBN	GBH	GBL	GBL(E)	ABE	ABS	ABH
Breaking capacity(kA), Icu at 415VAC		35	50	85	85	25	35	50
Number of poles		2, 3, 4	2, 3, 4	2, 3, 4	3	2,3,4	2,3,4	2,3,4
Type	2 pole	GBN202	GBH202	GBL202		ABE402b	ABS402b	ABH402b
	3 pole	GBN203	GBH203	GBL203	GBL203E	ABE403b	ABS403b	ABH403b
	4 pole	GBN204	GBH204	GBL204		ABE404b	ABS404b	ABH403b
Rated current (A)		125, 160, 200, 250 Thermally adjustable : (0.8- 0.9-1.0) × In			250 Electronically adjustable : (0.5-0.6-0.7-0.8- 0.9-1.0) × In	250, 300, 350, 400 Interchangeable via rating plug between 250 and 300 350 and 400		
Technical data conforming to IEC/EN60947-2								
Rated operational voltage(V), Ue(50/60Hz)		600	600	600	600	600	600	600
Rated operational voltage(V), Ue(DC)		250	250	250	-	250	250	250
Rated insulation voltage(V), Ui(50/60Hz)		690	690	690	690	690	690	690
Rated impulse withstand voltage(kV), Uimp		6	6	6	6	6	6	6
Ultimate breaking capacity(kA), Icu								
AC 50/60Hz	220/240V	50	85	125	125	35	50	85
	380V	35	50	85	85	30	42	65
	415V	35	50	85	85	25	35	50/50(Ics)
	440/460V	35	50	85	85	25	35	50
	480/500V	30/22	42/35	65/50	65/50	18	25	35
	600V	18	25	35	35	18	22	25
DC	125V	-	-	-	-	20	30	50
	250V	35	50	85	85	10	20	40
Service breaking capacity(%Icu), Ics		75	75	75	75	100	100	50
Category of use		A	A	A	A	A	A	A
Endurance (number of operations)	mechanical	10000	10000	10000	10000	4000	4000	4000
	electrical	5000	5000	5000	5000	1000	1000	1000
Type of trip unit								
Thermal-magnetic release		Adjustable-thermal & magnetic				fixed	fixed	fixed
Electronic release					LSIA configuration			
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	manual rotary handle	●	●	●	●	●	●	●
	terminal cover	●	●	●	●	●	●	●
	Insulation barrier	●	●	●	●	●	●	●
	rear connection	●	●	●	●	-	-	-
	mechanical interlock	-	-	-	-	-	●	●
	remote control	-	-	-	-	-	-	-
Dimensions (WxHxDmm)		3 pole breaker				140 × 257 × 110		
Weight(kg)	2 pole	1.5	1.5	1.5		5.2	5.2	5.2
	3 pole	1.7	1.7	1.7	1.7	6.2	6.2	6.2
	4 pole	2.1	2.1	2.1	7.8	7.8	7.8	7.8

Note ;
 ● applicable or available
 ▲ available as a separate breaker