

BOSS[®]

#1 COMPREHENSIVE ELECTRICAL RANGE

MS.A/M/MCB 01-0018



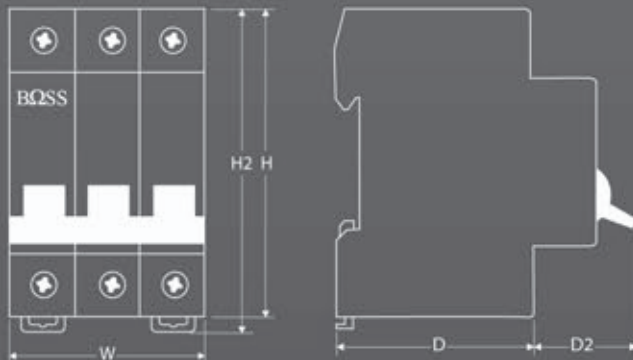
www.boss.co.id

MCB, CONTACTOR RCCB & ISOLATOR

Extra Performance, Safety, Reliability & Durability



DIMENSION (in mm)



Series	W	H	H2	D	D2
MCB					
1 Pole	18	83	88	50	23
2 Poles	36	83	88	50	23
3 Poles	54	83	88	50	23
RCCB					
2 Poles	36	84	89	50	26
4 Poles	72	84	89	50	26
Isolator					
2 Poles	36	83	87	50	24
3 Poles	54	83	87	50	24
Contactors					
BCT201NO1NC	18	83	88	50	16
BCT401NO1NC	36	83	88	50	16

ACCESSORIES

Blank Module
for MCB enclosure box
Order No. : **BMEBC**



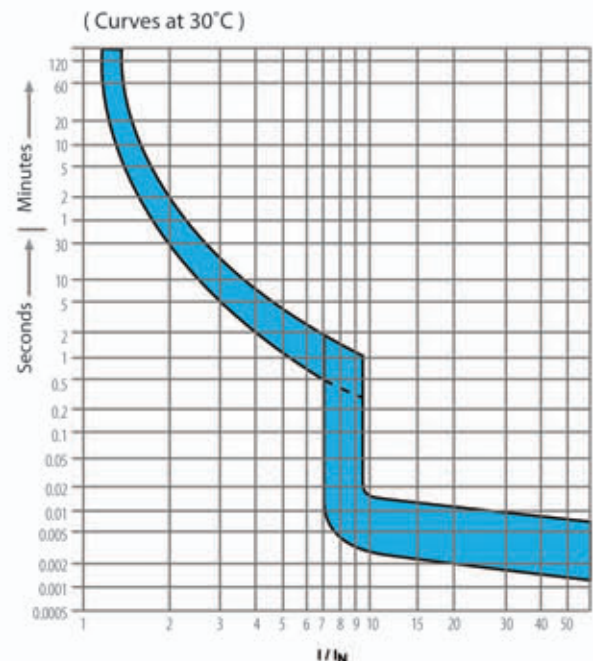
MCB

MINIATURE CIRCUIT BREAKER

Rated Capacity	: Phase to Neutral 230V/240V~ / Phase to Phase 400V/415V~
Rigid Conductor	: 25mm ² Maximum
Flexible Conductor	: 16mm ² Maximum
Characteristics	: B CURVE / C CURVE / D CURVE
Capacity	: 6 kA / 10kA
Standards	: EN 60898 / EN 60947-2 / KEMA / SEMCO / SNI / CE / ROHS
Frequency	: 50/60Hz
Calibration Temp.	: 30°C
Electrical Endurance	: 8000
Mechanical Endurance	: 20000



ORDER NO.	NOMINAL RATING		
	MCB - 1 Pole	2 Poles	3 Poles
BCB61C1	-	-	1
BCB61C2	-	-	2
BCB61C4	-	-	4
BCB61C6	BCB62C6	BCB63C6	6
BCB61C10	BCB62C10	BCB63C10	10
BCB61C16	BCB62C16	BCB63C16	16
BCB61C20	BCB62C20	BCB63C20	20
BCB61C25	BCB62C25	BCB63C25	25
BCB61C32	BCB62C32	BCB63C32	32
BCB61C40	BCB62C40	BCB63C40	40
BCB61C50	BCB62C50	BCB63C50	50
BCB61C63	BCB62C63	BCB63C63	63



RCCB

RESIDUAL CURRENT CIRCUIT BREAKER

Rated Capacity	: 40 A, 63 A, 100 A
Rigid / Flexible	: 35mm ² / 25mm ²
Conductor	MAXIMUM
Calibration Temp.	: 30°C
Frequency	: 50/60Hz
Electrical Endurance	: 10000
Mechanical Endurance	: 20000
Standards	: EN 61008-1 / EN 61008-2-1 / ROHS / CE
Poles	: 2P and 4P; Ue: 230 Vac (2P), 230/400 Vac (4P); 50/60 Hz;
I Δ n	: 30 mA, 100 mA, 300 mA, type A and AC;
Inc = I Δ	: 6 kA; I Δ m = I Δ n or 500 A whichever is the greater;

ORDER NO. NOMINAL RATING TRIPPING CURRENT

RCCB - 2 Poles		
BRC30/240A	40A	30mA
BRC30/263A	63A	30mA
RCCB - 4 Poles		
BRC30/463A	63A	30mA
BRC100/463A	63A	100mA
BRC300/463A	63A	300mA
BRC100/4100A	100A	100mA
BRC300/4100A	100A	300mA



RCCB is not compatible for PROTINUS plastic enclosure box.

ISOLATOR

Rated Current (In)	: 32, 63A
Rated Voltage (Un)	: 415V~
Number of Poles	: 2P, 3P
Type of Terminal	: lug type
Terminal Capacity	: cable up to 35mm ²
Width	: 18mm/ module
Standards	: IEC60947-3 EN60947-3

ORDER NO. NOMINAL RATING

ISOLATOR - 2 Poles	
BSW232	32A
BSW263	63A
ISOLATOR - 3 Poles	
BSW332	32A
BSW363	63A



CONTACTOR

Rated Operating Voltage (Un)	: 230VAC
Terminal capacity	: 1.0~10mm ² (fine stranded wire) 1.0~16mm ² (solid wire)
Mac backup fuse	: gG 25A
Rated Control Voltage	: 230V
Power Losses	: ≤1.2W
Power	: at AC1 230/240 VAC 4kw 20A
Rated Operation Current	: (Ie) 20A (AC7a); 9A (AC7b)
Electrical Endurance	: 250.000 cycles (AC7a) 250.000 cycles (AC7b)
Mechanical Endurance	: 1.000.000 cycles
Standard	: IEC/EN 61095 IEC/EN 60947-4-1

Rated Operating Voltage (Un)	: 230VAC
Terminal capacity	: 1.0~16mm ² (fine stranded wire) 1.0~25mm ² (solid wire)
Mac backup fuse	: gG 80A
Rated Control Voltage	: 230V
Power Losses	: ≤1.55w
Power	: at AC1 230/240 VAC 9kW
Rated Operation Current	: (Ie) 40A (AC7a); 18A (AC7b)
Electrical Endurance	: 250.000 cycles (AC7a) 250.000 cycles (AC7b)
Mechanical Endurance	: 1.000.000 cycles
Standard	: IEC/EN 61095 IEC/EN 60947-4-1



AC-7a
Slightly inductive loads in household appliances.
examples : mixers, blenders

AC-7b
Motor-loads for household appliances.
examples : fans, central vacuum

ORDER NO.
BCT201NO1NC

ORDER NO.
BCT401NO1NC