

C

MINI CIRCUIT BREAKER





(DZ47-63)C45N MINI CIRCUIT BREAKER

• APPLICATION

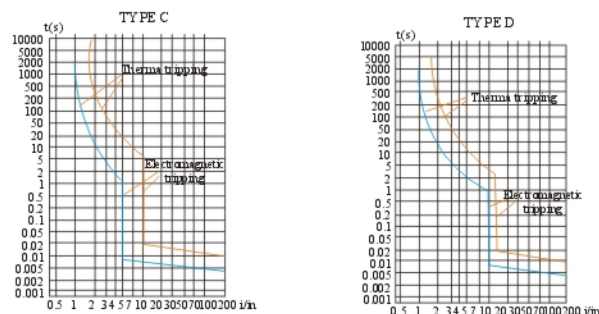
DZ47-63(C45N) series circuit breaker is used in lighting distribution system or motor distribution system for protection overload and short-circuit in the system. The product is neoteric in structure, light in weight, reliable and excellent in performance. It has high breaking capacity, can trip quickly, and its case and items are adopted by high fire-resistant and shock-proof plastics. The product, with long life, is mainly used in AC50Hz/60Hz single-pole 240 or two, three, four-pole 415V circuit for overload and short circuit protection as well as for unfrequent on-and-off switching electric equipment and lighting circuit in normal case. The products comply with IEC 60898 & BS 3871.

• SPECIFICATION

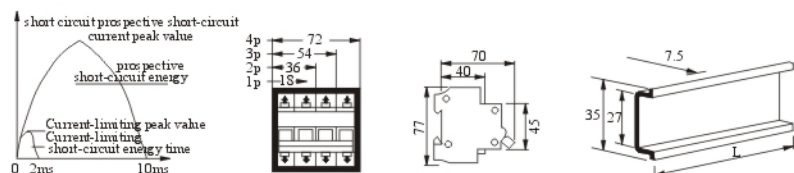
Standard	Rated current (A)	Pole	voltage (V)	Breaking capacity (A)
BS3871-1 IEC60898	1 to 40	1	240	6000
		2, 3, 4	415	6000
	50 to 63	1	240	4000
		2, 3, 4	415	4000
IEC157-1	1	1	220/240	10000
		2, 3, 4	220/240	20000
		2, 3, 4	380/415	10000
	3	1	220/240	8000
		2, 3, 4	220/240	20000
		2, 3, 4	380/415	8000
	10 to 40	1	220/240	7000
		2, 3, 4	220/240	16000
		2, 3, 4	380/415	8000
	50	1	220/240	6000
		2, 3, 4	220/240	10000
		2, 3, 4	380/415	6000
	63	1	220/240	5000
		2, 3, 4	220/240	10000
		2, 3, 4	380/415	5000
Standard	Rated current (A)	Pole	voltage (V)	Breaking capacity (A)
BS3871-1 IEC60898	1 to 40	1	240	4000
		2, 3, 4	415	4000
IEC157-1	1 to 40	1	220/240	6000
		2, 3, 4	220/240	12000
		2, 3, 4	380/415	6000

- Setting temperature of protective characteristics at 40°C
- Rated Voltage: 240V/415V
- Rated current: 1, 3, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63A
- Electrical life: more than 8000 operations
- Mechanical life: (O-C) more than 20000 operations

• CHARACTERISTIC CURVE



• DIMENSIONS



DZ47-63(C45N) 1P

DZ47-63(C45N) 2P

DZ47-63(C45N) 3P

• APPLICATION

C60 series circuit breaker belongs to the advanced level of the nineties in the world instead of the old generation of C45N. They have protective functions as shortage and overloading, and are used in lighting distribution system in industry, commerce and dwelling, and protect fractional electric motors. And they also have many merits of high protective grade(up to IP20), high breaking capacity, good reliability of sensitive action, convenient multi-pole assorting, long using life etc. They are mainly adapted to the circuit of AC 50Hz, 230V in single pole, 400V in double, three or four poles for protecting overload and shortage. Meanwhile, they are also used in turning on or off the electric apparatus and lighting circuit under the normal condition.

• SPECIFICATION

Character	Standard	Rated current (A)	Pole (S)	Rated voltage (V)	Breaking capacity (A)
B C D	IEC898	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63A	1	230/240	6000
			2, 3, 4	380/415	6000
	IEC847-2	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63A	1	130	20000
				230/240	10000
				400/415	3000
			2, 3, 4	230/240	20000
				400/415	10000
				400	6000



C60N 1P

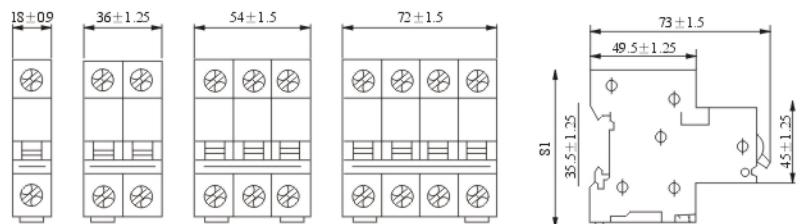
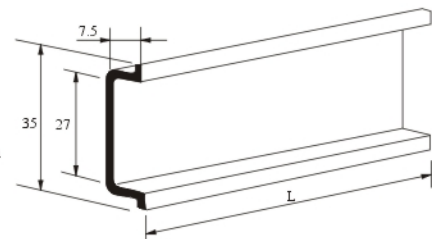
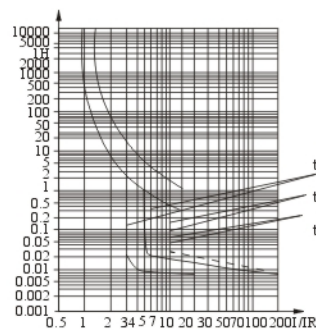


C60N 2P



C60N 3P

• DIMENSIONS





C65N MINI CIRCUIT BREAKER

• APPLICATION

C65 series MCB is an all new high performance current limiting device with the ability to disconnect short circuits of up to 10kA. Which is the newest model in 21st century.

C65N MCB has many merits of high protective grade (up to Ip20), high breaking capacity, good reliability of sensitive action, convenient multi-pole assorting, long using life ect.

They are mainly used for overload and short circuit protection within the circuit of AC 50Hz, 230V in single pole, 400V in double, three & commerce. Meanwhile, they are also used in turning on or off the electric apparatus and lighting circuit under the normal condition.



C65N 1P



C65N 2P

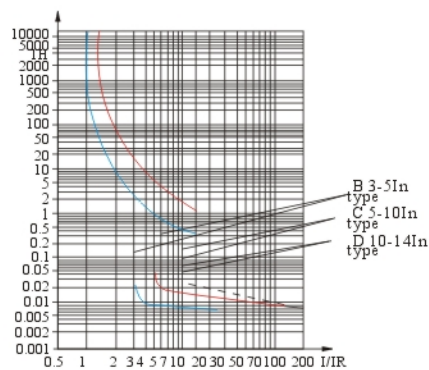


C65N 3P

• SPECIFICATION

Character	Standard	Rated current (A)	Pole (S)	Rated voltage (V)	Breaking capacity (A)
B C D	IEC898	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63A	1	230/240	6000
			2, 3, 4	400/415	6000
	IEC-947-2	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63A	1	130	20000
				230/240	10000
			2, 3, 4	400/415	3000
				230/240	20000
				400/415	10000
				440	6000

• CHARACTERISTIC CURVE





DZ47-100 MINI CIRCUIT BREAKER

• APPLICATION

DZ47-100 high breaking capacity circuit breaker is used for AC 50Hz or 60Hz, single pole 240V, 2, 3, 4, poles 415V for protecting the circuit that overload and short circuit may take place. It can be used in lighting and electric motor distribution system. Meantime, it is applicable to an unfrequent switch over the electric apparatus and lighting circuit under normal condition. Breaking capacity is up to standard of IEC947-710KA.



DZ47-100 1P

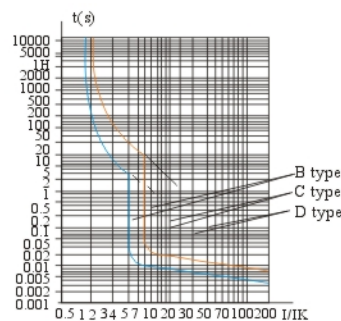
• SPECIFICATION

Rated current (A)	Pole number (P)	Rated voltage (V)	Breaking capacity (A)
40 50 63	1	130	20000
		230/240	10000
		400/415	4000
80 100	2, 3, 4	230/240	20000
		400/415	10000
		400	6000



DZ47-100 2P

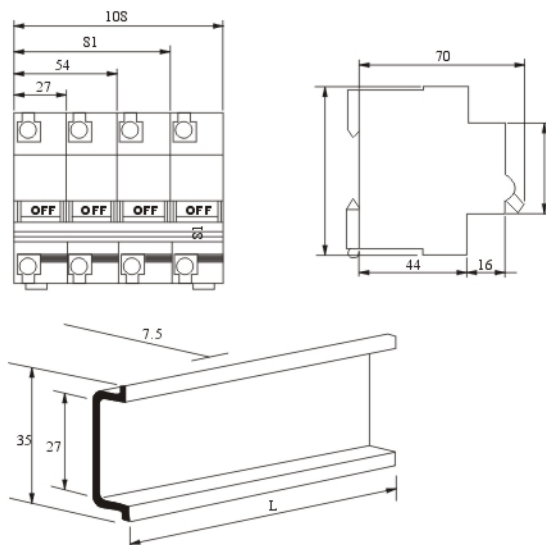
• CHARACTERISTIC CURVE



• DIMENSIONS



DZ47-100 3P



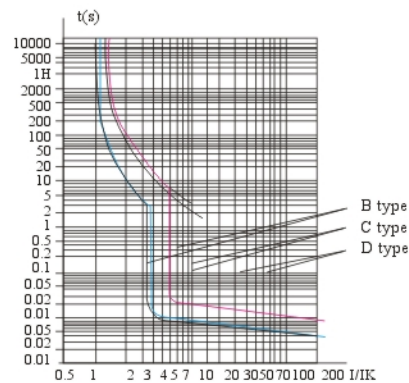
• APPLICATION

MT MY MC mini circuit breaker is mainly suitable for overload and short circuit protection. It is especially used for illumination and distribution in industry and commerce. It is of pleasing outlook & high breaking capacity etc. Its frame and parts adopt plastics of light weight, reliable performance, high inflammable resistance and shock resistance for long service life, It is mainly used for overload and short circuit protection within the circuit of AC50/60Hz, rated voltage of single pole up to 240V, two, three or four poles up to 415V. It can also be used for an unfrequent switchover of the circuit and illumination under normal conditions.

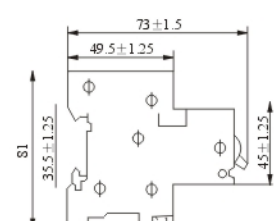
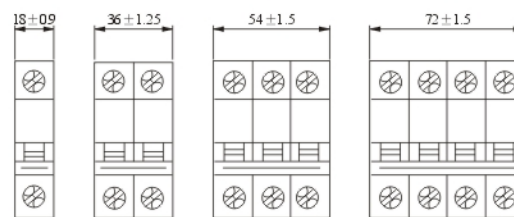
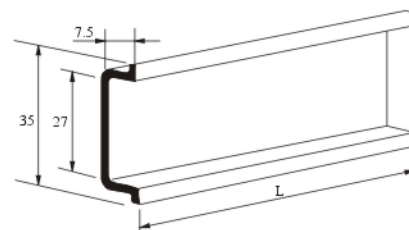
• SPECIFICATION

Rated current (A)	Pole	Rated voltage (V)	Breaking capacity (KA)	Electrical life (times)	Mechanical life (times)
1 to 40	1	240	6	6000	20000
	2 3 4	415			
50 to 60	1	240			
	2 3 4	415			

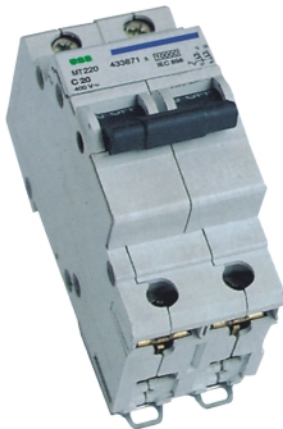
• CHARACTERISTIC CURVE



• DIMENSIONS



MT 1P



MT 2P



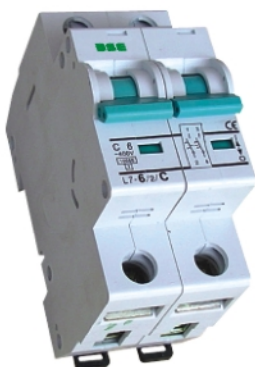
MT 3P

• APPLICATION

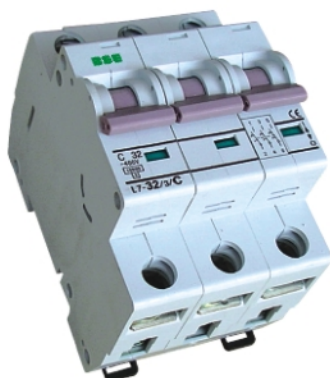
The products of L7 belong to the advanced level of the nineties in the world instead of the older generation of L7. They have protective function of short circuit and overload, and are used in lighting distribution system in industry, commerce and dwelling, and protect fractional electric motors. And they also have many merits of high protective grade (up to IP20), high break capacity, reliable sensitive action, convenient, multi-pole assembling, long life etc. They are mainly adapted to the circuit of AC 50Hz, 230V in single pole, 400V in double, three, four poles for protecting overload and short circuit. Meanwhile, they are also used in turning on or off the electric apparatus and lighting circuit under the normal condition.



L7 1P



L7 2P



L7 3P

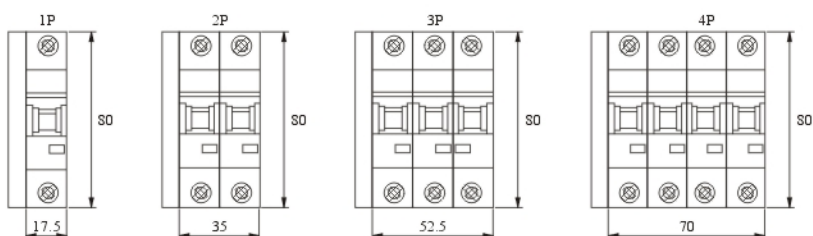
• SPECIFICATION

Electrical Specification	
Conforms to standard of electrical	EN60898(IEC898) GB10963-99
Rated voltage(Ue)	230V/400V; 50/60Hz
Rated breaking capacity	10KA IEC898(0.5~63A) 15KA IEC947-2(0.5~63A)
Short circuit breaking capacity of DC	Max. 48V(L7..., 10KA)single pole Max. 250V(L7-DC, 6KA)single pole
Performance	C, D charactisistic curve
Max. fuse that can be connected to	100AgL(>10KA)
Selective grade	3
Working ambient temperature	-5 to +40℃
Enclosed protective class	P40(Under mounting)
Electrical Life	Not less of 8000 times switching operation
Mechanical Life	Not less of 20000 times switching operation

• MECHANICAL SPECIFICATION

The length of exposed plane	45mm
Enclosure height	80mm
Enclosure width	17.5mm per pole(single pole) 35mm: 1P+N(two poles)
Mounting manner	Used for track of 35mm of IEC standard
Terminal manner	Two-function terminal can connect with busbar and conducting wire
Terminal block capacity	Wire 1-25mm ² Conducting wire 0.8-2mm

• DIMENSIONS



• APPLICATION

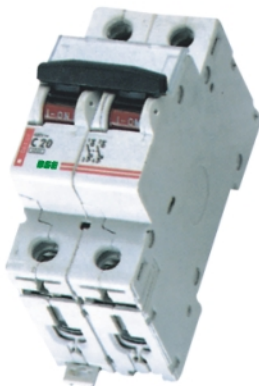
DX mini circuit breaker is mainly suitable for overload and short circuit protection. It is especially used for illumination and distribution in industry and Commerce, etc. It has pleasing outlook & high breaking capacity, reliable performance, high inflammable resistance and shock resistance for long service life, It is within the circuit of AC 50/60Hz, rated voltage of single pole up to 240V, two, three or four pole up to 415V. It can also be used for an unfrequent change over of the circuit and illumination under normal condition.

• SPECIFICATION

Rated current (A)	Pole	Rated voltage (V)	Breaking capacity (KA)	Electrical life (times)	Mechanical life (times)
1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40	1	240	10	8000	20000
	2 3 4	415	10		
50, 63	1	240	10	8000	20000
	2 3 4	415	10		



DX-1P

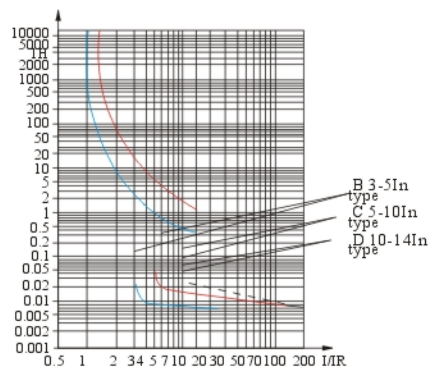


DX-2P

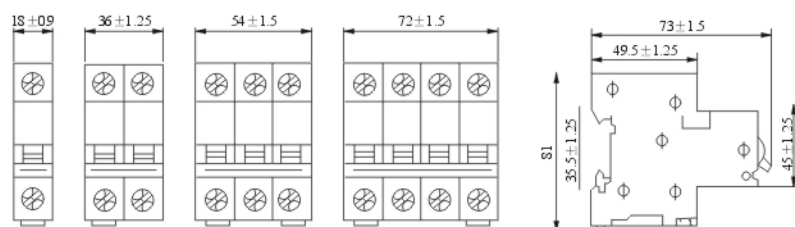


DX-3P

• CHARACTERISTIC CURVE



• DIMENSIONS



• APPLICATION

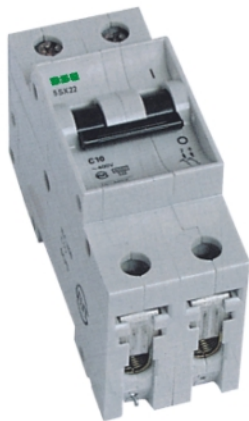
5SX series mini circuit breaker is mainly suitable for overload and short circuit protection. It is especially used for illumination and distribution in industry and commerce. It is of pleasing out-look, light weight, reliable performance, high breaking capacity, etc. Its frame and parts adopt plastics of high inflammable resistance and shock resistance for long service life. It is mainly used for overload and short circuit protection within the circuit of AC 50/60Hz, rated voltage of single pole up to 240V, two, three or four poles up to 415V. It can also be used for an unfrequent switchover of the circuit and illumination under normal conditions.

• SPECIFICATION

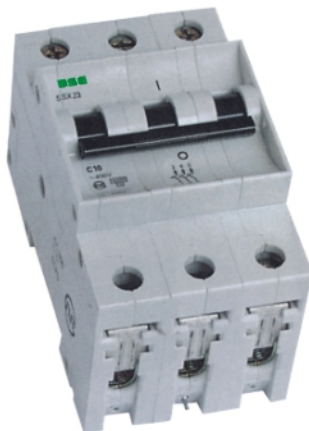
Frequency	50Hz/60Hz
Rated voltage	240/415V AC
Rated breaking capacity	3000A
Rated frame current	63A
Rated trip current (A)	2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A
No. of Pole	Single Two Three



5SX 1P

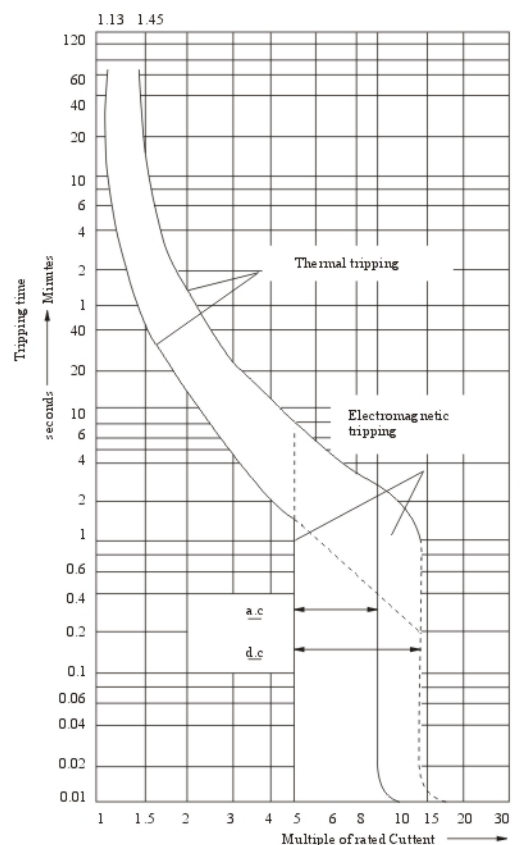


5SX 2P



5SX 3P

• CHARACTERISTIC CURVE



• APPLICATION

The design on the base of the current-limiting device increases the capability of circuit breaking, with a max. of 7.5KA(AC 220V standard).

The super-miniature and light product leaves the installation area a minimum.

The overcurrent protection of bimetallic sheet and the instantaneous and short-circuit protection featuring solenoid trip produces a perfect protection to current fault.

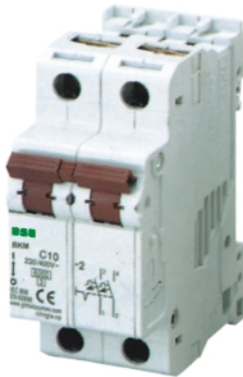
The assembly mode of DIN-Rail makes the installation easier.

Delicate appearance of Europe-style

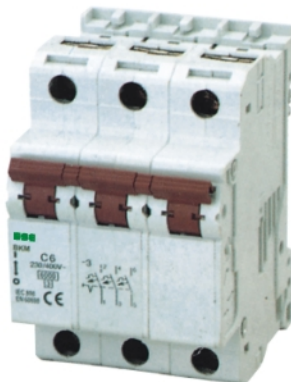
Available to fit accessories such as auxiliary switch(AX) and alarm switch, etc.



BKM-1P



BKM-2P



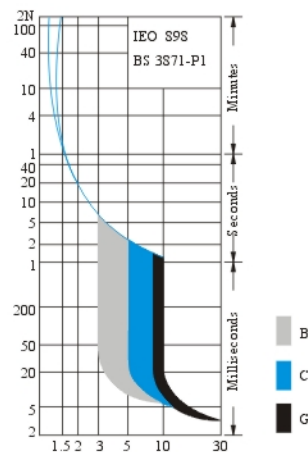
BKM-3P

• SPECIFICATION

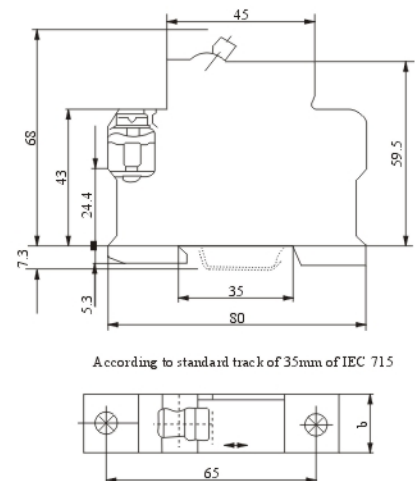
Series	BKM									
Type	B			C				G		
Poles	1	2	3	1	2	3	4	1	2	3
Rated Voltage(V)	240/415									
Rated Current(A)	6,10,16,20,25			2,4,6,10,20,25,32,40,50				6,10,15,20,30,40,50		
Breaking Capacity (KA)	10			10				6		
Tripping Device	Thermal-coil magnetic									

Auxiliary switch & alarm switch	
Rated operational current	220V 3.5A
(AC11 duty)	415V 2A
Mechanical life	20000 operations
Terminal capacity	0.75, 2.5mm
Weight	0.04kg/EA

• CHARACTERISTIC CURVE



DIMENSION





BH-D6 MINI CIRCUIT BREAKER

• APPLICATION

BH-D6 products of domestic power distribution box have come out. The high-quality and high-function circuit breaker used in domestic power distribution box is looking forward to your selection and application.

• FUNCTION

- All the machines meet the standards of IEC and GB.
- They can be installed in the track or 35mm of IEC.
- They have the function of high current limit.
- Protective grade: IP2x

• SPECIFICATION

Standard	GB10963, IEC60898
Rated voltage	230/400VAC, 50/60Hz
Rated current In	6, 10, 13, 16, 20, 25, 32, 40, 50, 63A
Ambient temperature	-10~40°C
Instant tripping current character	B, C, D
Rated short-circuit interrupting capacity	6KA
Rated running short-circuit interrupting capacity	6KA
Mechanical life	20000
Electrical life	8000
Fix	Track of 35mm of IEC
Terminal (the side of ON)	Non-weld tin terminal
Terminal (the side of OFF)	Non-weld tin terminal/terminal with mouth
Bus.t	0.7-1.5mm
Applied wire	1-2.5mm ²
Releasing method of overload	Thermal-coil magnetic
Accessories	Insulation-board



BH-D6 1P



BH-D6 2P

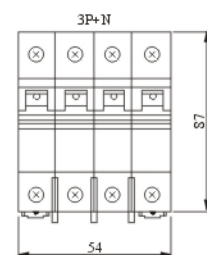
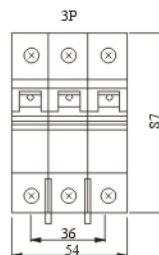
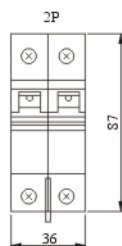
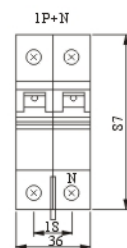
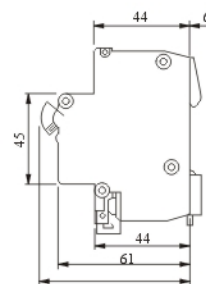
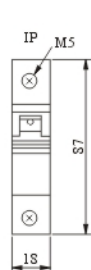


BH-D6 3P



BH-D6 4P

• DIMENSIONS



• APPLICATION

BKN series circuit breaker is used in lighting distribution system or motor distribution system for protecting overload and short-circuit in the system. The product is novel in structure, light in weight, reliable and excellent in performance. It has high breaking capacity, can trip quickly and its installation uses with guide, its case and body are adopted with high fire-resistant and shockproof plastics. The product, with long life, is mainly used in AC 50Hz/60Hz single-pole 240V or two, three, four-pole 415V circuit for overload and short-circuit protection as well as for unfrequent on-and-off switching electric equipment and lighting in normal case. This product conforms to GB 10963, IEC60898, BS3871.

• BREAKING CAPACITY

Standard	Rated current(A)	Pole	Rated voltage(V)	Breaking capacity(A)
BS3871-1 IEC60898	1 to 40	1	240	6000
		2, 3, 4	415	6000
	50 to 60	1	240	4000
		2, 3, 4	415	4000
		1	220/240	10000
		2, 3, 4	220/240	20000
IEC157-1	1	2, 3, 4	380/415	10000
		1	220/240	8000
		2, 3, 4	220/240	20000
		2, 3, 4	380/415	8000
	3	1	220/240	7000
		2, 3, 4	220/240	16000
		2, 3, 4	380/410	8000
	10 to 40	1	220/240	6000
		2, 3, 4	220/240	10000
		2, 3, 4	380/410	6000
	50	1	220/240	5000
		2, 3, 4	220/240	10000
		2, 3, 4	380/410	5000
BS3871-1 IEC60898	60	1	220/240	5000
		2, 3, 4	220/240	10000
		2, 3, 4	380/410	5000
	1 to 40	1	240	4000
		2, 3, 4	415	4000
		1	220/240	6000
	1 to 40	2, 3, 4	220/240	12000
		2, 3, 4	380/415	6000
		1	220/240	6000
		2, 3, 4	220/240	12000
		2, 3, 4	380/415	6000
		1	220/240	6000



BKN 1P



BKN 2P



BKN 3P

• SPECIFICATION

Protection span: overload and short circuit protection

Rated current In: YBKN: 1, 23, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A

BKM: 2, 4, 6, 10, 16, 20, 25, 32, 40, 50A

Characteristic: B, C, D characteristic (BKM type to B, C characteristic)

Pole: 1P, 1P+N, 2P, 3P, 3P+N, 4P (BKM type without 1P+N and 3P+N)

Breaking capacity: AC230: 6kA AC230/400V: 6kA 4.5kAAC230/400V

Compliance standard: IEC60898

Tripper type: Thermomagnetic type

Electric life: 10000 time

Mounting: track of 35mm of

Width: one 17.8mm

Terminal: square hole press line type (connect with cables of 25 mm²)