

D

MOULDED CASE CIRCUIT BREAKER



• APPLICATION

BSD2 series moulded case circuit breaker is suitable for circuit AC 50Hz/60Hz, Rated voltage up to AC 660V, Rated operating current to 630A.

It features normal structure, reliable performance, complete accessories & high breaking capacity, used for power distribution and protecting the circuit and electrical equipment against overload and short circuit. It complies with standard of IEC 947.

• SPECIFICATION

Type	Rated current (A)	Rated insulating voltage	Pole number	Rated operating voltage	Ultimate short circuit breaking capacity Icu KA			Service short circuit breaking capacity Ics KA	
					AC380V (400)	AC660V (690)	DC250	AC380V (400)	AC660V (690)
BSD2-125E	12.5, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125	600V	Two, three, four number	380V	15	-	-	7.5	-
BSD2-125S				660V	25	-	20	16	-
BSD2-160S	16, 20, 32, 40, 50, 63, 80, 100, 125, 160	600V	Two, three, four number	380V	35	8	20	18	-
BSD2-160H				660V	50	10	40	25	-
BSD2-250S	100, 125, 160, 180, 200, 225, 250	600V	Two, three, four number	380V 660V	35	10	40	18	-
BSD2-250M					50	16	40	30	-
BSD2-250H					65	18	40	48	-
BSD2-400S	200, 225, 250, 315, 350, 400	600V	Two, three, four number	380V 660V	35	16	40	18	-
BSD2-400M					50	20	40	30	-
BSD2-400H					65	25	40	48	-
BSD2-630S	400, 500, 630	600V	Two, three, four number	380V 660V	50	20	40	30	-
BSD2-630M					65	25	40	48	-
BSD2-630H					80	30	40	60	-
BSD2-800S	500, 630, 700, 800	600V	Two, three, four number	380V 660V	50	20	40	30	-
BSD2-800M					65	25	40	48	-
BSD2-800H					80	30	40	60	-



BSD2-125



BSD2-160



BSD2-250



BSD2-400



BSD2-630

• APPLICATION

BNS moulded case circuit breaker is one of the most advanced type breakers in the world, which adopts international advanced design and manufacture technology. They are suitable for short circuit and overload protection for circuit of AC 690V 50/60Hz, rated current from 12.5A to 630A. It takes protect effect when squirrel cage motors non-frequent start, breaking off working and protecting overload, short circuit and lacking voltage.



NS 100N



NS 160N



NS 250N

• TRIPPING CHARACTERISTICS

Rated current of release (A)	Thermodynamic release (ambient temp +40°C)		Operational current of magnetic release (A)
	1.05In (cold state) inoperative time (h)	1.30In (heat state) inoperative time (h)	
$I_n \leq 63$	≥ 1	< 1	$10I_n \pm 20\%$
$63 < I_n \leq 630$	≥ 2	< 2	$10I_n \pm 20\%$
$100 < I_n \leq 630$	≥ 2	< 3	$5-10I_n \pm 20\%$

Rated current of release (A)	Thermodynamic release (ambient temp +40°C)				Operational current of magnetic release (A)
	1.0In (cold state) operative time (h)	1.20In (heat state) operative time (h)	1.50In (heat state) operative time (h)	1.01In (heat state) operative time (h)	
$12.5 \leq I_n \leq 400$	≥ 2	< 2	$\leq 4\text{min}$	$2S < T_p \leq 10S$	$12I_n \pm 20\%$

• SPECIFICATION

Type	Rated current (A)	Poles	Rated insulating voltage (V)	Rated operating voltage (V)	Arcing over distance (mm)	Ultimate short circuit breaker capacity	Servies short circuit breaker capacity	Operating performance (times)
BNS-100D	12.5, 16,	3, 4	950	690	0	18	18	1500 8500
BNS-100N	20, 25, 32,					25	25	
BNS-100H	40, 50, 63,					70	70	
BNS-100L	80, 100					150	150	
BNS-160D	16, 20, 25,	3, 4	950	690	0	25	25	1500 7000
BNS-160N	32, 40, 50					36	36	
BNS-160H	63, 80, 100,					70	70	
BNS-160L	125, 160,					150	150	
BNS-250D	160, 180	3, 4	950	690	0	25	25	1000 7000
BNS-250N	220, 225,					36	36	
BNS-250H	250					70	70	
BNS-250L						150	150	
BNS-400D	200, 225	3, 4	950	690	0	35	35	1000 4000
BNS-400N	250, 300,					45	45	
BNS-400H	315, 400					70	70	
BNS-400L						150	150	
BNS-630D	315, 350,	3, 4	950	690	0	35	35	1000 4000
BNS-630N	400, 500,					45	45	
BNS-630H	600,					70	70	
BNS-630L	630					150	150	

DESCRIPTION

Available in two frame sizes from 25 to 800 amps. Loadline series of moulded case circuit breakers provide overload and short-circuit protection for the full range of transformer sizes encountered in normal service. The overload and instantaneous tripping elements, adjustable over a wide band, make these MCCBs ideal for many distribution applications.

BSD1 MCCBs are available in single pole, three poles, three poles with switched neutral and switch disconnecter versions. Loadline triple poles BSD1 Frame circuit breaker and switch-disconnector are physically interchangeable with AA breakers for Motor Duty requirements. AA Frame have front adjustable overload and fixed instantaneous tripping elements.



BSD1-125

SPECIFICATION

Insulation voltage (Ui)-660V AC

Operating voltage (Ue)-415V AC

Rated frequency-~50/60Hz

Reference Calibration-40°C (50°C on request)

TRIPPING ELEMENTS

Overload front adjustable 0.7- 1.0 times rated current

Instantaneous-non-adjustable

AA 25-63A=400A AA 80-125A=800A AA 160-250A=1600A



BSD1-225



BSD1-400

Description	In/A	Lowest Setting	Current amps
BSD1-125 single pole MCCB triple poles MCCB	25	17.5	
	32	22.5	
	40	28	
	50	35	
	63	44	
	80	56	
	100	70	
	125	88	
BSD1-225 AA Frame	160	112	
	200	140	
	225	157.5	
BSD1-400	250	175	
	315	221	
	400	280	
BSD1-630	500	350	
	630	441	
BSD1-800	800	560	

• APPLICATION

BSA Moulded case circuit breaker is suitable for circuit AC 50Hz/60Hz, rated voltage up to AC 660V, Rated operating current to 630A. It features normal structure, reliable performance, complete accessories & high breaking capacity, used for power distribution and protecting the circuit and electrical equipment against overload and short circuit. It complies with standard of IEC947-2.



BAS 125

• TRIPPING CHARACTERISTICS

Rated current of release (A)	Thermodynamic release (ambient temp+40°C)		Operational current of magnetic release (A)
	1.05In (cold state) inoperative time (h)	1.30In (heat state) inoperative time (h)	
$I_n \leq 63$	≥ 1	< 1	$10-50I_n \pm 20\%$
$63 < I_n \leq 630$	≥ 2	< 2	$10I_n \pm 20\%$
$100 < I_n \leq 630$	≥ 2	< 3	$5-10I_n \pm 20\%$



BAS 160



BAS 250

• SPECIFICATION

Type	Rated current (A)	Rated insulating voltage (V)	Pole number	Rated operating voltage (V)	Ultimate short circuit breaking capacity Icu KA			Services short circuit breaker capacity 1cu KA	
					AC380V (400)	AC660V (690)	DC250V	AC380V (400)	AC660V (690)
125E	12.5, 16, 20, 25, 32, 40, 50, 63	600V	two three four	380V 600V	15	-	-	7.5	-
125S	80, 100, 125				25	-	20	16	-
160S	16, 20, 32, 40, 50, 63, 80, 100, 125, 160				35	8	20	18	-
160H					50	10	40	25	-
250S	100, 125, 160, 180, 200, 225, 250				35	10	40	15	-
250M					50	16	40	30	-
250H					65	18	40	48	-
400S	200, 225, 250, 315, 350, 400				35	16	40	18	-
400M					50	20	40	30	-
400H					65	25	40	48	-
630S	400, 500, 630				50	20	40	30	-
630M					65	25	40	48	-
630H					80	30	40	60	-
800S	500, 630, 700, 800				50	20	40	30	-
800M					65	25	40	48	-
800H					80	30	40	60	-

• SPECIFICATION



BDPX 125N



BDPX 250N

Type	BDPX 125			BDPX 250		
	BDPX-E	BDPX	BDPX	BDPX	BDPX-E	BDPX
Pole number	3-4			3-4		
Rated current In (A)	16-125			25-250		

The electrical characteristic satisfies EN 60947-2

Rated working voltage Ue (50-60Hz)	500				690		
Rated working voltage Ue=(V)	250				250		
Rated insulation voltage Ui~(V)	500				690		
Rated impulse voltage Uimp (KV)	6				8		
Usage group	A				A		
Moulded case switch type	E				H	L	
Limited breaking capacity (KA)	230/240V~	22	35	50	60	100	170
	400/415V~	16	25	36	36	70	100
	440V~	10	18	20	30	60	70
	480-500V~	8	12	14	25	40	40
	600V~	-	-	-	20	25	25
	690V~	-	-	-	16	20	20
	250V=	16	25	30	36	40	40
Used breaking capacity Icos (% Icu)	100	50	50	100	75	50	
Short-circuit closed capacity (400V~)	32	52.5	75.6	75.6	154	220	
Short-time withstand current Icw (KA)							
Life (open, close for a time)	mechanical	7000				7000	
	Electrical	1000				1000	
Insulation capacity	•				•		

Protection group

Hot-magnetic trip		•	•
Electronic trip			
Take to connect the ground to break			
Down to probe into the function's the			
High choice electronic-trip			
Residual current	Bottom installation	•	•
Protected modules	On the side installation	•	

Outer accessories

Control from a distance	•			•		
Fix type	•			•		
Insert type	•			•		
Drawer type				•		
screw hand handle	•			•		
Polwer conversion system				•		

Dimension and weight

Dimension(L×W×H)(mm)	3 pole	75.6×120×74	105×200×105
	4 pole	101×120×74	140×200×105
Weight(kg)	3 pole	1	2.5
	4 pole	1.2	3.7

• SPECIFICATION

Manufacture standard: IEC60947-2

Fixing type thermal trip

Fixing type magnetic trip



BH 126H



BH 226H

• MAX. RATED SHORT-CIRCUIT BREAKING CAPACITY

TYPE	220/240VAC	380/415VAC	660/690VAC	250VDC
BH126H	65KA	25KA	-	10KA
BH226H	35KA	25KA	-	-
BH226N	40KA	40KA	12KA	10KA
BH226E	100KA	70KA	14KA	20KA

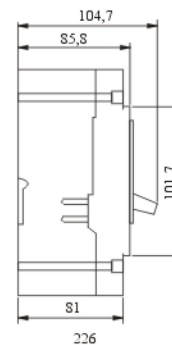
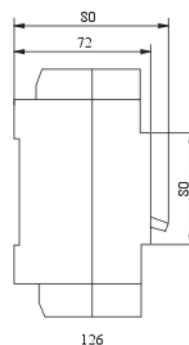
Description	Rated current (A)	Description	Rated current (A)
BH126H-25kA		BH226N-40kA	
MCCB	16	MCCB	63
MCCB	20	MCCB	80
MCCB	25	MCCB	100
MCCB	32	MCCB	125
MCCB	40	MCCB	160
MCCB	50	MCCB	200
MCCB	63	MCCB	225
MCCB	80		
MCCB	100		
H226H-25kA		H226E-70kA	
MCCB	63	MCCB	63
MCCB	80	MCCB	80
MCCB	100	MCCB	100
MCCB	125	MCCB	125
MCCB	160	MCCB	160
MCCB	200	MCCB	200
MCCB	225	MCCB	225

• ACCESSORY AND AUXILIARY EQUIPMENT

Revolve the hand handle the organization

Locks

- AA auxiliary switch, 2NO+2NC
- UV Owe-voltage trip, 415V~
- SR Cent trip, 240V~
- UV2 Owe-voltage trip, 240V~





BABS MOULDED CASE CIRCUIT BREAKER

• APPLICATION

BABS series moulded case circuit breaker is suitable for industrial or commercial power and lighting with AC 50/60Hz, rated working voltage up to AC600V/DC250V, rated current up to 1200A. It's a kind of economical breaker with the characters of stable and reliable function, beautiful appearance, small size and long life. It can be used for conversion of line and infrequent starting motor. It can also be attached to install the accessories which have protection function for avoiding loss-voltage, under-voltage. The product can install connection line with front board and back board, it also can be equipped hand-operating apparatus or motor-operating apparatus to control in a remote distance.

• SPECIFICATION



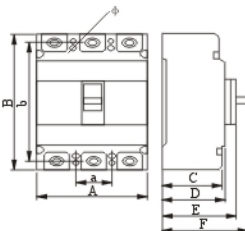
BABS 125

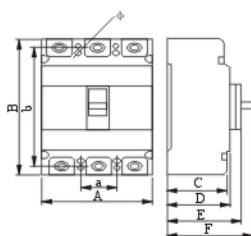


BABS 225



BABS 400

Type			30A		50A			60A			
			ABS32a	ABS32a	ABS52a	ABS52a	ABH53a	ABE62a	ABS62a		
			ABS33a	ABS33a	ABS53a	ABS53a		ABE63a	ABS63a		
Rated insulation voltage (V) Ui			690								
Rated impulse voltage (KV) uimp			6								
Rated maximum operating voltage(V)Ue			600								
Number of poles			2	2	2	2	-	2	2		
			3	3	3	3	3	3	3		
Rated current at 40℃(A)			5,10,15,20,30		5,10,15,20,30,40,50			60			
Rated ultimate	AC voltage	600V	2.5	5	2.5	5	7.5	2.5	5		
Breaking capacity		500V	2.5	7.5	2.5	7.5	7.5	2.5	7.5		
Icu		415V	5	10	5	10	14	5	10		
According to		380V	5	14	5	14	14	5	14		
IEC947-2		240V	10	25	10	25	25	10	25		
DC voltage		250V	2.5	5	2.5	5	10	2.5	5		
Rated service-circuit breaking capacity Ics(=%Icu)			50								
Rated peak short-circuitAC voltage 45V			7.5	17	7.5	17	28	7.5	7.5		
Breaking capacity(KA)Icm		240V	17	53	17	53	53	17	17		
			A	50		50		-	50		
				75		75		90	75		
			B	130		130		155		130	
			C	57		57		57		57	
			D	60		60		60		60	
			E	67		67		68		67	
			F	82		82		82		82	
			a	25		25		30		25	
			b	110		110		132		110	
			φ	4.5		4.5		4.5		4.5	



• APPLICATION

BML moulded case circuit breaker are highly specified. Positive contact indication is standard, with three positions "On" "OFF" and centre "TRIPPED" being prevents the MCCBs contacts from being held closed in the event of over current.

BML moulded case circuit breaker 3 & 1 pole units have a trip to test button provided as standard. All main contacts are of quality. Silver alloy construction for durability. Complying with IEC947-2 is covered by type test and marine approval certification.

1. Mould case circuit breakers 16 to 200A.
2. Available in three ranges: standard,
standard adjustable,
Hi-break adjustable.
3. Complies with IEC60947-2.
4. Current limiting action provides low values of let-through energy.



BML 1003



BML 1253

• SPECIFICATION

MCCB Description	Standard range	
Current rating (A) Standard range	1 pole List number	3 poles List number
16A	BML161	BML163
20A	BML201	BML203
32A	BML321	BML323
40A	BML401	BML403
50A	BML501	BML503
63A	BML631	BML633
80A	BML801	BML803
100A	BML1001	BML1003
125A	BML1251	BML1253
160A	BML1604	BML1603
200A	-	BML2003

Impulse withstand V.	8KV	8KV
Utilisation category	A	A
Adjustment thermal	Fixed	Fixed
Adjustment magnetic	Fixed	Fixed
Thermal capacity (Max)	120mm ²	120mm ²

Breaking capacity IEC60947 2/BS EN60947-2(AC 50/60Hz)			
690V AC	Icu (KA)	-	12
	Ics (KA)	-	12
480V AC	Icu (KA)	-	20
	Ics (KA)	-	20
400V AC/ 440V AC	Icu (KA)	-	25
	Ics (KA)	-	25
380V AC	Icu (KA)	-	30
	Ics (KA)	-	30
220V AC/ 240V AC	Icu (KA)	25	40
	Ics (KA)	19	40
250V AC	Icu (KA)	-	37
	Ics (KA)	-	19

• APPLICATION



BVL 160

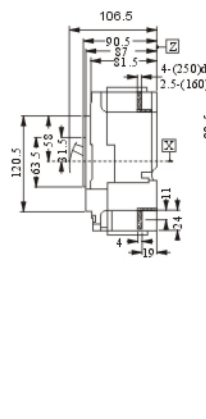
Type	Rated current I_n (A)	Setting current of inverse-time delayed overload release "L" I_{Δ} (A)	Operating current of instantaneous short-circuit release "I" I_{Δ} (A)	Standard switching capacity N 40/45/50kA at 380/415V AC
BVL160X	20	16-20	300	BVL1702-1DD33-...
	32	25-32	300	BVL1703-1DD33-...
	40	32-40	600	BVL1704-1DD33-...
	50	40-50	600	BVL1705-1DD33-...
	63	50-63	600	BVL1706-1DD33-...
	80	63-80	1000	BVL1708-1DD33-...
	100	80-100	1000	BVL1710-1DD36-...
	125	100-125	1000	BVL1712-1DD36-...
BVL250	160	125-160	1600	BVL1716-1DD36-...
	200	160-200	1000-2000	BVL3720-1DD36-...
	255	200-250	1200-2500	BVL3725-1DD36-...



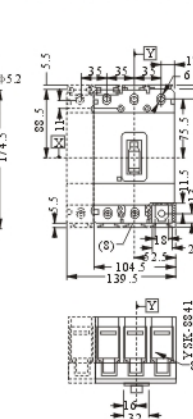
BVL 250

Type	High switching capacity H 70 kA at 380/415V AC	Very high switching capacity L 100kA at 380/415V AC
BVL160X	BVL1702-2DD36-...	
	BVL1703-2DD36-...	
	BVL1704-2DD36-...	
	BVL1705-2DD36-...	
	BVL1706-2DD36-...	
	BVL1708-2DD36-...	
	BVL1710-2DD36-...	
	BVL1712-2DD36-...	
BVL250	BVL1716-2DD36-...	
	BVL3720-2DC36-...	BVL3720-3DC36-...
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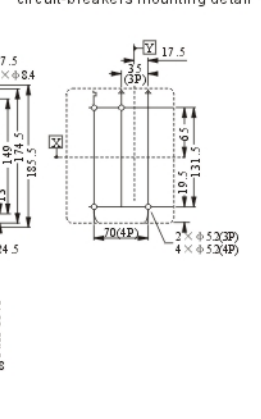
BVL 160 circuit-breaker



BVL 250 circuit-breaker



BVL 160 and BVL 250 circuit-breakers mounting detail



• APPLICATION

BNF series Moulded Case Circuit Breaker is a kind of economic breaker, has the features as following, such as steady and reliable property, reasonable structure, beautiful style, small volume etc., this breaker applies to the circuit with AC50/60Hz, rated insulating voltage 660V, max. rated current 1250A as on-off operation, and take effect, it also can be used as unfrequent conversion of line and unfrequency.

• SPECIFICATION

Type	NF 30 -CS	NF 50 -CS/SS	NF 60 -CS/SS	NF 100 -CS/SS	NF 250 -CS/SS	NF 400 -CS/SS	NF 630 -CS	NF 800 -CS	NF 1250 -CS
Rated current of frame (A)	30	50	60	100	250	400	630	800	1250
Rated current (40℃)	3,5,10, 15,20, 30	10,15, 20,30, 40,50	60	60,70, 100	125,150, 175,200, 225,250	250, 300, 350, 400	500, 600, 630	600, 700, 800	800, 1000, 1200, 1250
Rated insulation voltage (V)					600				
Rated ultimate short circuit breaking capacity (KA)	1.5	5/10	5/10	18/25	18/35	25/50	35	35	85
Pole Number (P)	3	2,3	3	2,3	3	3	3	3	3
a	67.5	75	75	60,90	105	140	210	210	210
b	96	130	130	155	165	276	275	275	406
c	52	68	68	68	68	103	103	103	140
d	67	86	86	86	86	155	155	155	190



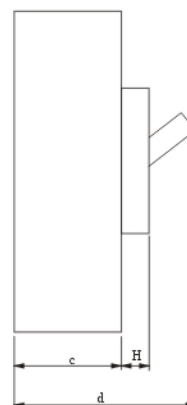
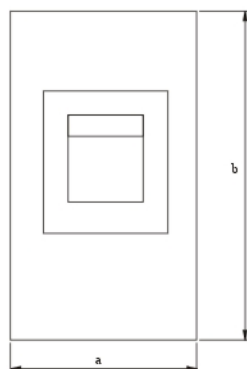
BNF 30



BNF 100



BNF 250



• APPLICATION

It is suitable in ship or land, AC 50Hz or 60Hz rated insulative voltage 660V or DC up to 250V circuit for unfrequent on-and-off switchings. The circuit breaker has overload and short-circuit protecting devices, can protect cable and circuit from damage as a result of overhear. To is standard type, TG is high breaking capacity type.

• SPECIFICATION

Type	Rated current (A)	Rated current of circuit Breaker (A)	Short circuit breaking capacity		Life (Times)	Connection method
			380V	440V		
TO	100	15,20,30,40,50,60 75,100	22	18	1000	Front Behind insert
	225	125,150,175,200,225	25	20	8000	
	400	250,300,350,400	35	30	5000	
	600	450,500,600	40	30	5000	
TG	30	15,20,30	35	30	10000	Front Behind insert
	100	15,20,30,40,50,60 70,100	40	35	5000	
	225	15,20,30,40,50,60 70,100	42	35	5000	
	400	250,300,350,400	42	35	5000	
	600	450,500,600	50	42	5000	



TO-100BA



TO-225BA



TO-400BA



TG-30



TG-100BD



TG-400BA

• SPECIFICATION



BEA33B



BEA103B



BEA203B

Type	Poles	Rated current (A)	Rated current (A)	Interrupting capacity(KA)					
				AC voltage					DC voltage
				220/240V	389/415V	460V	550V	600V	
BEA32	2	3,5,10,15,20,30	415	2.5	1.5	-	-	-	-
BEA33	3	3,5,10,15,20,30	415	2.5	1.5	-	-	-	-
BEA52	2	15,20,30,40,50	600	5	2.5	2.5	1.5	-	2.5
BEA53	3	15,20,30,40,50	600	5	2.5	2.5	1.5	-	2.5
BEA62	2	60	600	5	2.5	2.5	1.5	-	2.5
BEA63	3	60	600	5	2.5	2.5	1.5	-	2.5
BEA102	2	60,75,100	600	25	10	10	7.5	5	5
BEA103	3	60,75,100	600	25	10	10	7.5	5	5
BEA202	2	125,150,175,200,225	600	30	15	15	10	7.5	10
BEA203	3	125,150,175,200,225	600	30	15	15	10	7.5	10
BEA402	2	250,300,350,400	600	35	22	22	18	18	10
BEA403	3	350,300,350,400	600	35	22	22	18	18	10
BEA603	3	500,600	600	42	30	30	22	22	10
BEA803	3	700,800	600	42	30	30	22	22	10

• APPLICATION

This circuit breaker is suitable for industrial or commercial power and lighting circuit. Its rated working voltage is 240V up to 415V (AC 50Hz). It can be used to protect the circuit that overload or short circuit which is not frequently in make-break operation at normal condition.

• SPECIFICATION

Type	Poles	Rated current (A)	Rated current (A)	Interrupting capacity(KA)					
				AC voltage					DC voltage
				220/240V	389/415V	460V	550V	600V	
BSA32	2	3,5,10,15,20,30	660	5	2.5	2.5	1.5	1.5	2.5
BSA33	3	3,5,10,15,20,30	660	5	2.5	2.5	1.5	1.5	2.5
BSA52	2	5,10,15,20,30,40,50	660	25	10	10	5	5	5
BSA53	3	5,10,15,20,30,40,50	660	25	10	10	5	5	5
BSA62	2	60	660	10	7.5	7.5	2.5	2.5	5
BSA63	3	60	660	10	7.5	7.5	2.5	2.5	5
BSA102	2	15,20,30,40,50,60,75,100	660	50	2.5	25	15	10	10
BSA103	3	15,20,30,40,50,60,75,100	660	50	2.5	25	15	10	10
BSA202	2	125,150,175,200,225	660	50	30	25	18	15	20
BSA203	3	125,150,175,200,225	660	50	30	25	18	15	20
BSA402	2	250,300,350,400	660	85	45	42	35	30	40
BSA403	3	250,300,350,400	660	85	45	42	35	30	40
BSA603H	3	500,600	660	85	45	42	35	30	40
BSA603L	3	500,600	660	125	60	60	42	35	40
BSA803H	3	700,800	660	85	45	42	3	30	40
BSA803L	3	700,800	660	125	60	60	42	35	40



BSA-33D



BSA-103BM



BSA-203BM



BSA-403

• APPLICATION

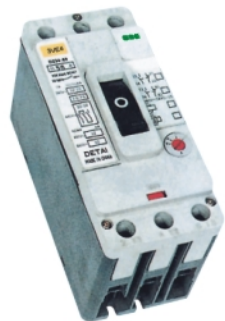
DZ 108(3VE) is suitable in AC circuit of 50/60Hz, voltage up to 660V and current up to 0.1-63A and used to prevent small capacity motor and circuits from overload and short circuit and also used as direct starter for starting the motor and a switch for changeover the circuit under normal conditions.



DZ108-20(3VE1)



DZ108-32(3VE3)



DZ108-63(3VE4)

• SPECIFICATION

Type		DZ108-20(3VE1)	DZ108-32(3VE3)	DZ108-63(3VE4)
Poles		3	3	3
Rated current (A)		20	32	63
Rated voltage (V)		660	660	660
Rated insulation voltage (V)		660	750	750
Current setting range (A)		0.1~0.16 0.16~0.25 0.25~0.4 0.4~0.63 0.63~1 1~1.6 1.6~2.5 2~3.2 2.5~4 3.2~5 4~6.3 5~8 6.3~10 8~12.5 10~16 14~20	1~1.6 1.6~2.5 2.5~4 4~6.3 6.3~10 8~12.5 10~16 12.5~20 16~25 22~32	6.3~10 10~16 16~25 22~32 28~40 36~50 45~63 45~56
Power of controlled motor (KW)	220V	5.5	9	18
	380V	10	16	32
	660V	13	26	58
Mechanical life (1 × 10 ⁴)		10	10	3
Protective feature	1.05Ie	Not act with 2hrs		
	1.2Ie	Act within 2hrs		
	12Ie	Action snap		

• APPLICATION

DZ518(GV) series motor protection circuit breaker are mainly used for the overload and short circuit protection of the motor in AC 50/60Hz, up to 660V, 0.1-80A power circuit as a full-voltage starter to start and cut off the motor, under the AC3 load or for the overload and short circuit protection of the circuit and power equipment in the power distribution network.

• SPECIFICATION

Type	Standard power ratings of 3-phase motors 50/60Hz in category AC-3						Setting range
	220V	380V	415V	440V	500V	660V	
	KW	KW	KW	KW	KW	KW	
DZ518(GV1)-M01	-	-	-	-	-	-	
DZ518(GV1)-M02	-	-	-	-	-	-	0.1-0.16
DZ518(GV1)-M03	-	-	-	-	-	-	0.16-0.25
DZ518(GV1)-M04	-	-	-	-	-	0.37	0.25-0.4
DZ518(GV1)-M05	-	-	-	0.37	0.37	0.55	0.4-0.63
DZ518(GV1)-M06	-	0.37	-	0.55	0.75	1.1	0.63-1
DZ518(GV1)-M07	0.37	0.75	1.1	1.1	1.1	1.5	1-1.6
DZ518(GV1)-M08	0.75	1.5	1.5	1.5	2.2	3	1.6-2.5
DZ518(GV1)-M10	1.1	2.2	2.2	3	3.7	4	2.5-4
DZ518(GV1)-M14	2.2	4	4	4	5.5	7.5	4-6
DZ518(GV1)-M20	4	7.5	7.5	7.5	10	11	6-10
DZ518(GV1)-M21	5.5	10	9	9	11	15	10-16
DZ518(GV1)-M22	5.5	11	11	11	15	18.5	16-20
DZ518(GV2)-M/RS01	-	-	-	-	-	-	20-25
DZ518(GV2)-M/RS02	-	-	-	-	-	-	0.1-0.16
DZ518(GV2)-M/RS03	-	-	-	-	-	-	0.16-0.25
DZ518(GV2)-M/RS04	-	-	-	-	-	0.37	0.25-0.4
DZ518(GV2)-M/RS05	-	-	-	0.37	0.37	0.55	0.4-0.63
DZ518(GV2)-M/RS06	-	0.37	-	0.55	0.75	1.1	0.63-1
DZ518(GV2)-M/RS07	0.37	0.75	0.75	1.1	1.1	1.5	1-1.6
DZ518(GV2)-M/RS08	0.75	1.5	1.5	1.5	2.2	3	1.6-2.5
DZ518(GV2)-M/RS10	1.1	2.2	2.2	3	3.7	4	2.5-4
DZ518(GV2)-M/RS14	2.2	4	4	4	5.5	7.5	4-6.3
DZ518(GV2)-M/RS16	3	5.5	5.5	7.5	7.5	9	6-10
DZ518(GV2)-M/RS20	4	7.5	9	9	9	11	9-14
DZ518(GV2)-M/RS21	5.5	11	11	11	11	15	13-18
DZ518(GV2)-M/RS22	5.5	11	11	11	15	18.5	17-23
DZ518(GV2)-M/RS32	7.5	15	15	15	18.5	26	20-25
DZ518(GV3)-M06	-	0.37	-	0.55	0.75	1.1	24-32
DZ518(GV3)-M07	0.37	0.75	1.1	1.1	1.1	1.5	1-1.6
DZ518(GV3)-M08	0.75	1.5	1.5	1.5	2.2	3	1.6-2.5
DZ518(GV3)-M10	1.1	2.2	2.2	3	3.7	4	2.5-4
DZ518(GV3)-M14	2.2	4	4	4	5.5	7.5	6-10
DZ518(GV3)-M20	4	7.5	7.5	7.5	10	11	10-16
DZ518(GV3)-M25	5.5	11	11	11	15	18.5	16-25
DZ518(GV3)-M40	11	18.5	22	22	25	33	25-40
DZ518(GV3)-M63	15	30	33	33	40	55	40-63
DZ518(GV3)-M80	22	40	45	45	55	63	56-80



DZ518(GV1) M20



DZ518(GV2) M16



DZ518(GV3)



DZ208(3VU1)

• APPLICATION

The product is suitable to be used in circuit of rated voltage up to AC 660V 50/60Hz, rated current from 0.1A to 63A, It is applicable for protection of overload & short circuit of 3 phase squirrel-cage motors. It also can be used as direct starter to start the motor and a switch for changeover the circuit under normal conditions.

• SPECIFICATION

3VU1300			3VU1600		
Current setting	Power of contro	Current	Current setting	Power of contro	Current
range (A)	lled motor (KW)	rated (A)	range (A)	lled motor (KW)	rated (A)
0.1-0.16		0.16	1-1.6	0.37/0.55	1.6
0.16-0.24	0.06	0.24	1.6-2.4	0.75	2.4
0.24-0.4	0.09/0.2	0.4	2.4-4	1.1/1.5	4
0.4-0.6	0.12/0.18	0.6	4-6	2.2	6
0.6-1	0.25	1	6-10	3/4	10
1-1.6	0.37/0.55	1.6	10-16	5.5/7.5	16
1.6-2.4	0.75	2.4	16-25	11	25
2-3.2	1.1	3.2	22-32	15	32
2.4-4	1.1/1.5	4	28-40	18.5	40
3.2-5	1.5/2.2	5	36-52	22	52
4-6	2.2	6	45-63	-	63
5-8	3	8			
6-10	3/4	10			
8-13	4/4.5	13			
10-16	7.5	16			
14-20	7.5	20			
18-25	11	25			