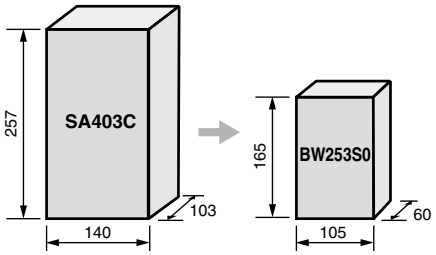
■ Description

We've expanded our MCCB lineup with the addition of models with global frame sizes of 160AF and 250AF.

• Compact

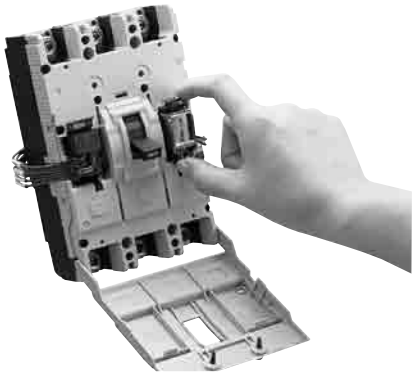
We've reduced external dimensions and increased modularization to the limits. Customers can now reduce costs in panel design and manufacturing. We've applied high-performance technology to achieve 100AF to 250AF models with a uniform depth of 60 mm. The size of the MCCB of 250AF has been significantly reduced.



Compact design has been realized for the MCCB family series from 100AF to 250AF. We've achieved a Ics of 50% Icu. Using uniform external dimensions provides flexibility in responding to changes in specifications. 100AF models can be mounted on IEC 35mm rail for easy panel mounting.

• Cassette

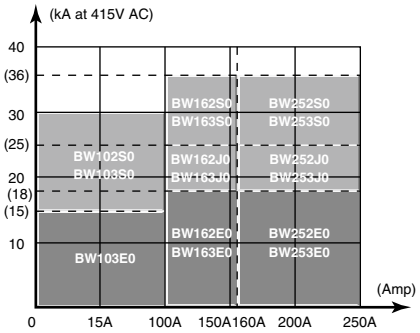
User installation provides for speedy on-site response to changes in specifications. All accessories can be assembled by the user. Quickly adaptable to the many onsite changes in specifications.



• Global

The BW0 series complies with the IEC standards in pursuit of global standards. The newly introduced frame sizes 160AF and 250AF fully comply with IEC standards while providing the required safety. The BW0 series complies IEC 60947-2. Standards conformity information is given on the nameplate. Gray front case has been adopted.

Application by breaking capacity



■ IEC and CE marking conformed

Series	Breaker ampere frame	Type	Pole	Rated current (A)	Insulation voltage Ui (V)	Breaking capacity (kA) [Icu/Ics] IEC60947-2 AC		
						230V	380V	415V
BW0	100	**BW103E0**	3	15, 20, 25, 30, 40, 50, 60, 75, 80, 100	690	25/13	18/9	15/8
		BW102S0	2	15, 20, 25, 30, 40, 50, 60, 75, 80, 100	690	50/25	30/15	30/8
		BW103S0	3	15, 20, 25, 30, 40, 50, 60, 75, 80, 100	690	100/50	30/15	30/8
	160	**BW162E0**	2	100, 125, 150, 160	690	25/13	18/9	18/9
		BW163E0	3	100, 125, 150, 160	690	25/13	18/9	18/9
		BW162J0	2	100, 125, 150, 160	690	50/25	25/13	25/13
		BW163J0	3	100, 125, 150, 160	690	50/25	25/13	25/13
		BW162S0	2	100, 125, 150, 160	690	85/43	36/18	36/18
		BW163S0	3	100, 125, 150, 160	690	85/43	36/18	36/18
	250	**BW252E0**	2	175, 200, 225, 250	690	25/13	18/9	18/9
		BW253E0	3	175, 200, 225, 250	690	25/13	18/9	18/9
		BW252J0	2	175, 200, 225, 250	690	50/15	25/13	25/13
		BW253J0	3	175, 200, 225, 250	690	50/15	25/13	25/13
		BW252S0	2	175, 200, 225, 250	690	85/43	36/18	36/18
		BW253S0	3	175, 200, 225, 250	690	85/43	36/18	36/18

■ Type number nomenclature

BW 25 3 E0 / 250

Series

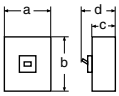
Frame size
10: 100AF
16: 160AF
25: 250AF

Rated current

15: 15A	100: 100A
20: 20A	125: 125A
25: 25A	150: 150A
30: 30A	160: 160A
40: 40A	175: 175A
50: 50A	200: 200A
60: 60A	225: 225A
75: 75A	250: 250A
80: 80A	

Number of poles
2: 2-pole
3: 3-pole

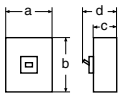
BW0 series /2, 3-pole IEC and CE marking conformed types

Frame		100A			160A	
Pole		3	2	3	2	3
Type		**BW103E0**	**BW102S0**	**BW103S0**	**BW162E0**	**BW163E0**
Rated current (A)		15, 20, 25, 30, 40, 50, 60, 75, 80, 100	15, 20, 25, 30, 40, 50, 60, 75, 80, 100		100, 125, 150, 160	
Rated insulation voltage	(V AC)	690	690		690	
[IEC 60947-2, JIS C8201-2]	(V DC)	250	250		250	
Rated breaking capacity (kA)	600V AC	–	–	–	–	–
[IEC 60947-2, JIS C8201-2]	550V AC	5/3	10/3	10/3	5/3	5/3
(Icu/Ics) *1	440V AC	10/5	20/5	20/5	10/5	10/5
	415V AC	15/8	30/8	30/8	15/8	15/8
	400V AC	15/8	30/15	30/15	15/8	15/8
	380V AC	18/9	30/15	30/15	18/9	18/9
	240V AC	25/13	50/25	100/50	25/13	25/13
	230V AC	25/13	50/25	100/50	25/13	25/13
	250V DC	5/3	5	10	5/3	5/3
Rated operating voltage [UL508] (VAC)		–	–	–	480	480
Dimensions (mm)	a	75	50	75	105	105
	b	130	130	130	165	165
Page 06/100	c	60	60	60	60	60
	d	81	81	81	86	86
Mass (kg) Front mounting type		0.78	0.6	0.78	1.36	1.36
Tripping device		Thermal-magnetic				
Front mounting, front connection		●	●	●	●	●
Internal accessories	*Page 06/104*					
Auxiliary switch	(AUX)	BW9W1SB0	BW9W1SB0	BW9W1SB0	BW9W1SG0	BW9W1SG0
Alarm switch	(AL)	BW9K1SB0	BW9K1SB0	BW9K1SB0	BW9K1SG0	BW9K1SG0
Auxiliary switch + alarm switch	(AUX+AL)	BW9WKSB0	BW9WKSB0	BW9WKSB0	BW9WKSG0	BW9WKSG0
Shunt trip	(SHT)	BW9F□B0	BW9F□B0	BW9F□B0	BW9F□G0	BW9F□G0
Undervoltage trip	(UVR)	BW9R□B0	BW9R□B0	BW9R□B0	BW9R□G0	BW9R□G0
External accessories	*Page 06/107*					
Operating handle N-type		BW9N0B0	BW9N0B0	BW9N0B0	BZ-N40C	BZ-N40C
Operating handle V-type		BW9V0B0	BW9V0B0	BW9V0B0	BZ6V40C	BZ6V40C
Terminal cover Short		–	–	–	BZ-TS40B	BZ-TS40B
Terminal cover Long		BW9BTB0-L3	–	BW9BTB0-L3	BZ-TB40B	BZ-TB40B
Insulation barrier Interphase		BW9BPB0	BW9BPB0	BW9BPB0	BZ-B40B	BZ-B40B
Flat terminal		–	–	–	BZ-S50B-2252	BZ-S50B-2253
Block terminal		BW9SSL0B0-□	BW9SSL0B0-□	BW9SSL0B0-□	BW9SSL0G0	BW9SSL0G0
Handle locking device		BW9Q1B0	BW9Q1B0	BW9Q1B0	BW9Q1G0	BW9Q1G0
IEC 35mm rail mounting		BW9PDB0	BW9PDB0	BW9PDB0	–	–

Notes: *1 Icu: Rated ultimate short-circuit breaking capacity
Ics: Rated service short-circuit breaking capacity

● Available − Not available

BW0 series /2, 3-pole IEC and CE marking conformed types

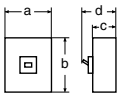
Frame		160A				250A	
Pole		2	3	2	3	2	3
Type		**BW162J0**	**BW163J0**	**BW162S0**	**BW163S0**	**BW252E0**	**BW253E0**
Rated current (A)		100, 125, 150, 160		100, 125, 150, 160		175, 200, 225, 250	
Rated insulation voltage	(V AC)	690		690		690	
[IEC 60947-2, JIS C8201-2]	(V DC)	250		250		250	
Rated breaking capacity (kA)	600V AC	–	–	–	–	–	–
[IEC 60947-2, JIS C8201-2]	550V AC	8/4	8/4	10/5	10/5	5/3	5/3
(Icu/Ics) *1	440V AC	20/10	20/10	25/13	25/13	15/8	15/8
	415V AC	25/13	25/13	36/18	36/18	18/9	18/9
	400V AC	25/13	25/13	36/18	36/18	18/9	18/9
	380V AC	25/13	25/13	36/18	36/18	18/9	18/9
	240V AC	50/25	50/25	85/43	85/43	25/13	25/13
	230V AC	50/25	50/25	85/43	85/43	25/13	25/13
	250V DC	20/10	20/10	30/15	30/15	5/3	5/3
Rated operating voltage [UL508] (VAC)		480	480	480	480	480	480
Dimensions (mm)	a	105	105	105	105	105	105
	b	165	165	165	165	165	165
Page 06/101	c	60	60	60	60	60	60
	d	86	86	86	86	86	86
Mass (kg) Front mounting type		1.36	1.56	1.36	1.56	1.36	1.56
Tripping device		Thermal-magnetic					
Front mounting, front connection		●	●	●	●	●	●
Internal accessories	*Page 06/104*						
Auxiliary switch	(AUX)	BW9W1SG0	BW9W1SG0	BW9W1SG0	BW9W1SG0	BW9W1SG0	BW9W1SG0
Alarm switch	(AL)	BW9K1SG0	BW9K1SG0	BW9K1SG0	BW9K1SG0	BW9K1SG0	BW9K1SG0
Auxiliary switch + alarm switch	(AUX+AL)	BW9WKSG0	BW9WKSG0	BW9WKSG0	BW9WKSG0	BW9WKSG0	BW9WKSG0
Shunt trip	(SHT)	BW9F□G0	BW9F□G0	BW9F□G0	BW9F□G0	BW9F□G0	BW9F□G0
Undervoltage trip	(UVR)	BW9R□G0	BW9R□G0	BW9R□G0	BW9R□G0	BW9R□G0	BW9R□G0
External accessories	*Page 06/107*						
Operating handle N-type		BZ-N40C	BZ-N40C	BZ-N40C	BZ-N40C	BZ-N40C	BZ-N40C
Operating handle V-type		BZ6V40C	BZ6V40C	BZ6V40C	BZ6V40C	BZ6V40C	BZ6V40C
Terminal cover Short		BZ-TS40B	BZ-TS40B	BZ-TS40B	BZ-TS40B	BZ-TS40B	BZ-TS40B
Terminal cover Long		BZ-TB40B	BZ-TB40B	BZ-TB40B	BZ-TB40B	BZ-TB40B	BZ-TB40B
Insulation barrier Interphase		BZ-B40B	BZ-B40B	BZ-B40B	BZ-B40B	BZ-B40B	BZ-B40B
Flat terminal		BZ-S50B-2252	BZ-S50B-2253	BZ-S50B-2252	BZ-S50B-2253	BZ-S50B-2252	BZ-S50B-2253
Block terminal		BW9SSL0G0	BW9SSL0G0	BW9SSL0G0	BW9SSL0G0	BW9SSL0G0	BW9SSL0G0
Handle locking device		BW9Q1G0	BW9Q1G0	BW9Q1G0	BW9Q1G0	BW9Q1G0	BW9Q1G0
IEC 35mm rail mounting		–	–	–	–	–	–

Notes: *1 Icu: Rated ultimate short-circuit breaking capacity
Ics: Rated service short-circuit breaking capacity

● Available – Not available

06

BW0 series /2, 3-pole IEC and CE marking conformed types

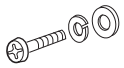
Frame		250A			
Pole		2	3	2	3
Type		**BW252J0**	**BW253J0**	**BW252S0**	**BW253S0**
Rated current (A)		175, 200, 225, 250		175, 200, 225, 250	
Rated insulation voltage (V AC)		690		690	
[IEC 60947-2, JIS C8201-2] (V DC)		250		250	
Rated breaking capacity (kA)	600V AC	–	–	–	–
[IEC 60947-2, JIS C8201-2]	550V AC	8/4	8/4	10/5	10/5
(Icu/Ics) *1	440V AC	20/10	20/10	25/13	25/13
	415V AC	25/13	25/13	36/18	36/18
	400V AC	25/13	25/13	36/18	36/18
	380V AC	25/13	25/13	36/18	36/18
	240V AC	50/15	50/15	85/43	85/43
	230V AC	50/15	50/15	85/43	85/43
	250V DC	20/10	20/10	30/15	30/15
Rated operating voltage [UL508] (VAC)		480	480	480	480
Dimensions (mm)	a	105	105	105	105
	b	165	165	165	165
Page 06/101	c	60	60	60	60
	d	86	86	86	86
Mass (kg) Front mounting type		1.36	1.56	1.36	1.56
Tripping device		Thermal-magnetic			
Front mounting, front connection		●	●	●	●
Internal accessories	*Page 06/104*				
Alarm switch	(AUX)	BW9W1SG0	BW9W1SG0	BW9W1SG0	BW9W1SG0
Auxiliary switch	(AL)	BW9K1SG0	BW9K1SG0	BW9K1SG0	BW9K1SG0
Auxiliary switch + alarm switch	(AUX+AL)	BW9WKSG0	BW9WKSG0	BW9WKSG0	BW9WKSG0
Shunt trip	(SHT)	BW9F□G0	BW9F□G0	BW9F□G0	BW9F□G0
Undervoltage trip	(UVR)	BW9R□G0	BW9R□G0	BW9R□G0	BW9R□G0
External accessories	*Page 06/107*				
Operating handle N-type		BZ-N40C	BZ-N40C	BZ-N40C	BZ-N40C
Operating handle V-type		BZ6V40C	BZ6V40C	BZ6V40C	BZ6V40C
Terminal cover Short		BZ-TS40B	BZ-TS40B	BZ-TS40B	BZ-TS40B
Terminal cover Long		BZ-TB40B	BZ-TB40B	BZ-TB40B	BZ-TB40B
Insulation barrier Interphase		BZ-B40B	BZ-B40B	BZ-B40B	BZ-B40B
Flat terminal		BZ-S50B-2252	BZ-S50B-2253	BZ-S50B-2252	BZ-S50B-2253
Block terminal		BW9SSL0G0	BW9SSL0G0	BW9SSL0G0	BW9SSL0G0
Handle locking device		BW9Q1G0	BW9Q1G0	BW9Q1G0	BW9Q1G0
IEC 35mm rail mounting		–	–	–	–

Notes: *1 Icu: Rated ultimate short-circuit breaking capacity
Ics: Rated service short-circuit breaking capacity

● Available − Not available

■Terminal Connection/Front mounting, Front Connection

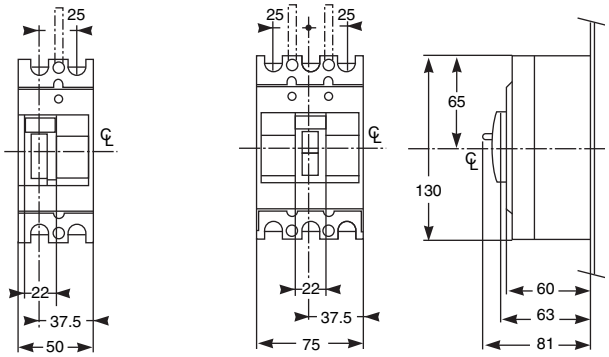
• MCCBs and cables according to the screw size and tightening torque as shown in the table below.
• To facilitate the connecting work, the following parts are prepared.
Flat terminal and block terminal: *See page 06/108*

Frame	MCCB type		Screw and Bolt	Size (mm)	Tightening torque [N·m]
100A	BW103E0	BW102S0, BW103S0	Pan-head screw	Rated current: 15 to 50A M5 13.5	2
				Rated current: 60 to 100A M8 13.5	5.5
160A	BW162E0, BW163E0	BW162J0, BW163J0	Hexagonal socket head bolt	M8 16	8-13
		BW162S0, BW163S0			
250A	BW252E0, BW253E0	BW252J0, BW253J0			
		BW252S0, BW253S0			

06

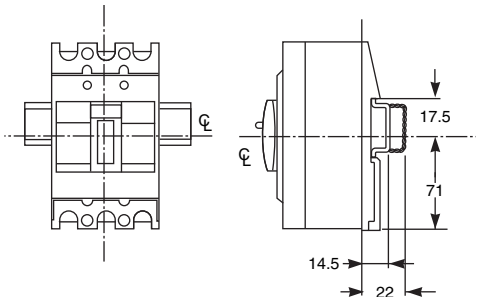
■ **Dimensions, mm**
■ **Front mounting, front connection**

BW103E0
BW102S0, BW103S0

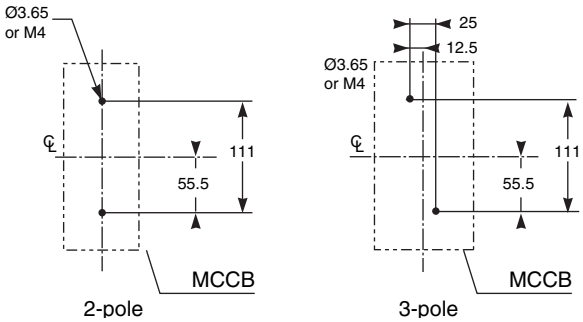


2-pole **3-pole**

• **Mounting on IEC 35mm rail**
(with optional rail mounting adapter)

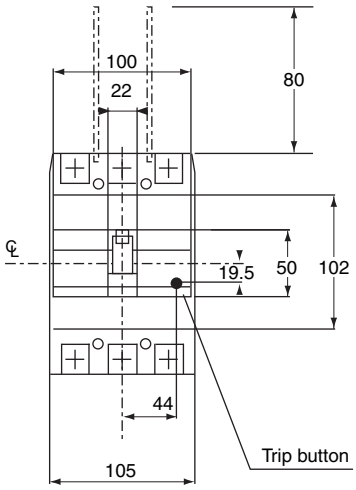


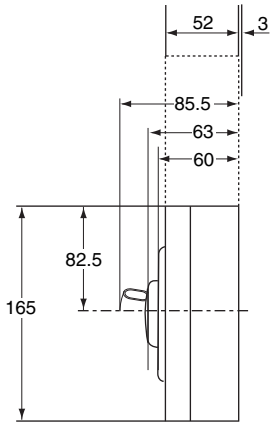
Panel drilling

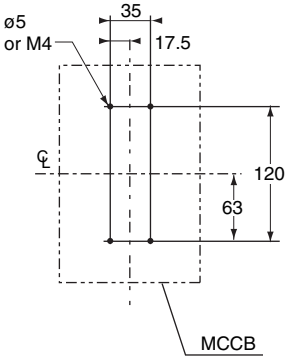


■ **Dimensions, mm**
■ **Front mounting, front connection**

BW163E0, BW252E0, BW253E0,
BW162J0, BW163J0, BW162S0, BW163S0, BW252J0, BW253J0, BW252S0, BW253S0

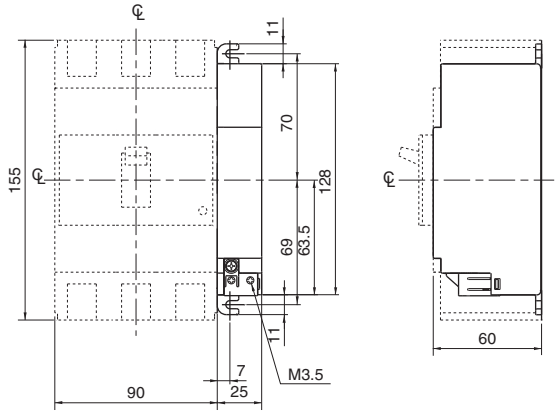






■ **Undervoltage trip device**

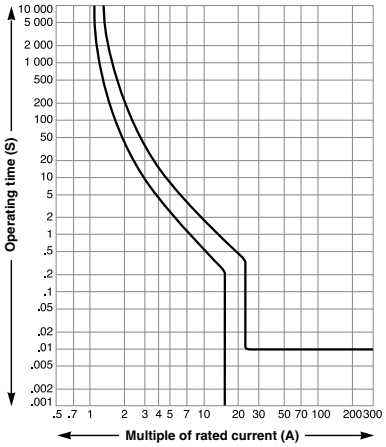
For 160 and 250AF



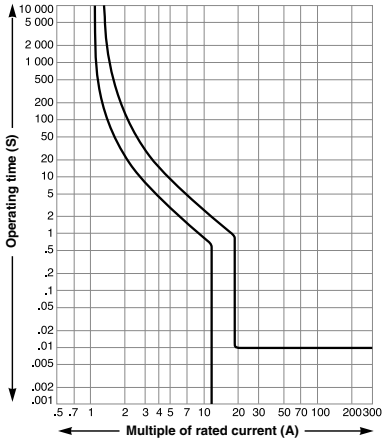
■ BW0 series, 2, 3-pole

BW103E0,
BW102S0, BW103S0

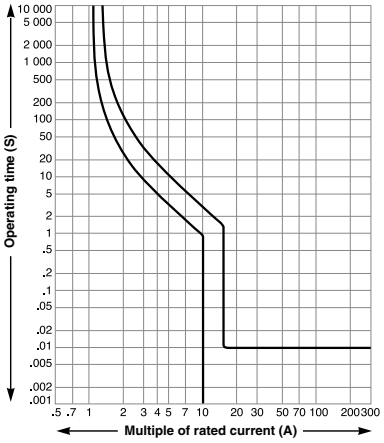
15A



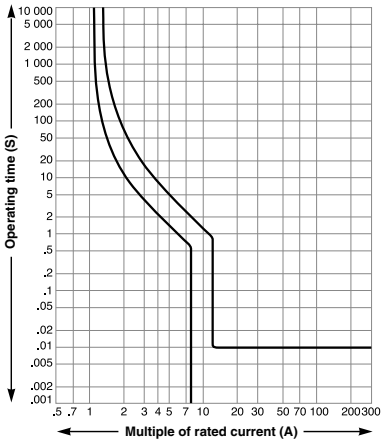
20A



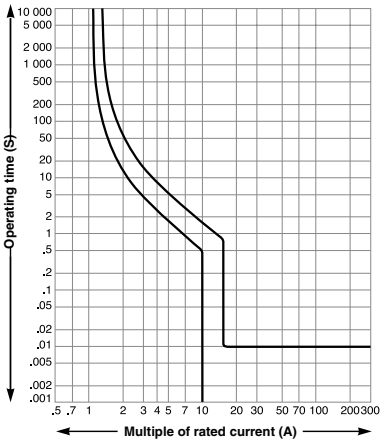
25A



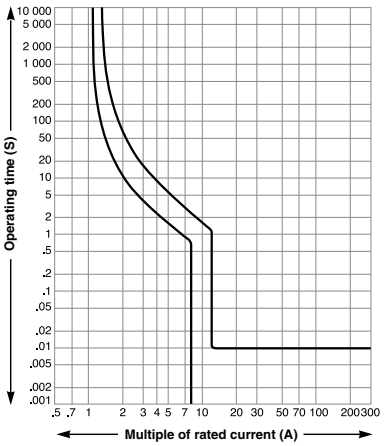
30A



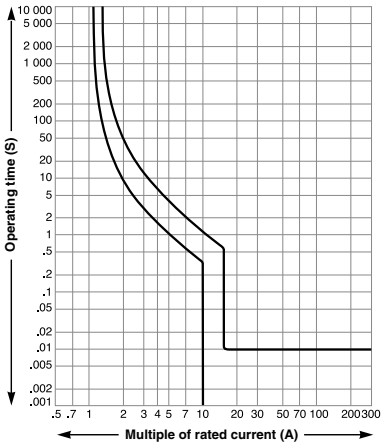
40A



50A



60A



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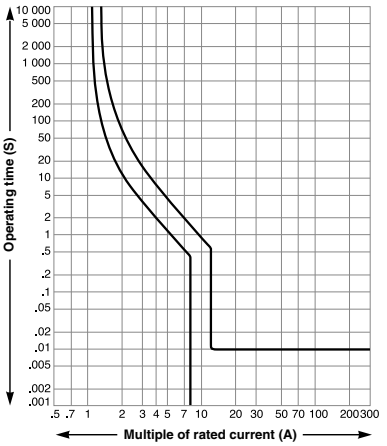

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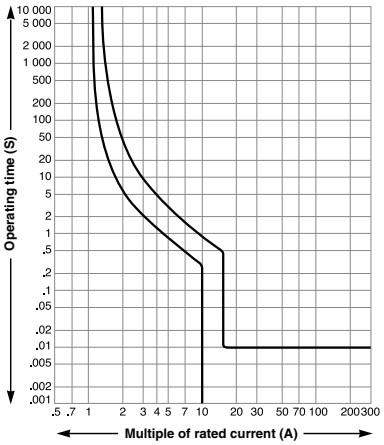
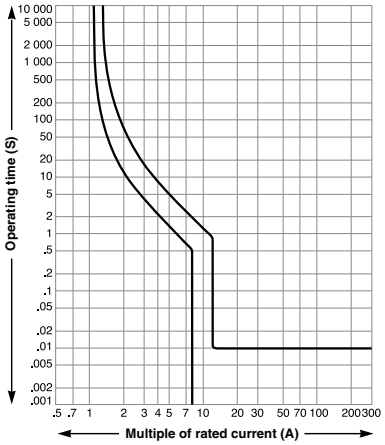
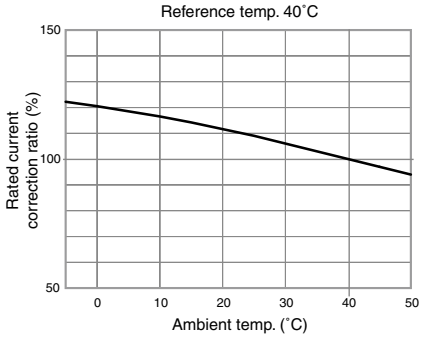


■ BW0 series, 2, 3-pole

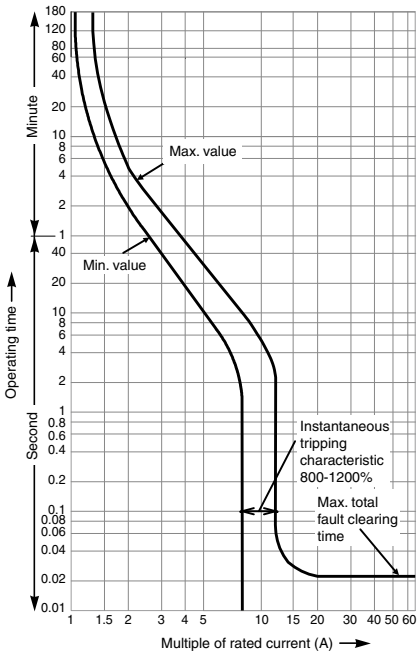
BW103E0,
BW102S0, BW103S0

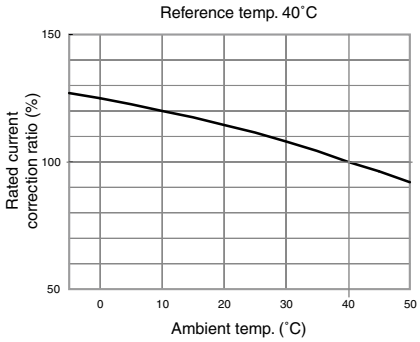
100A





BW162E0, BW163E0, BW252E0, BW253E0,
BW252J0, BW253J0, BW162J0, BW163J0, BW162S0, BW163S0, BW252S0, BW253S0

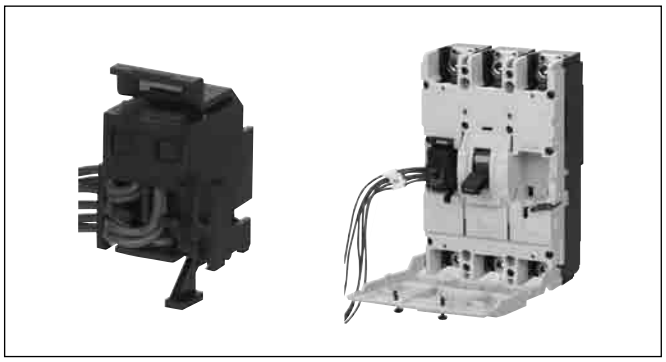




06

Internal accessories

The number of tasks can be greatly reduced as all the internal accessories are cassette-type user-installed.



■ Auxiliary switch and alarm switch

These devices indicate the MCCB's operation status electrically.
Auxiliary switch (AUX) indicates the ON/OFF status of MCCB.
Alarm switch (AL) indicates the trip status of MCCB. An MCCB trips when an overload occurs or a short-circuit current flows through the MCCB. Both the auxiliary switch and alarm switch can be installed either on the right or left side of MCCB body.
All auxiliary switches (AUX) and alarm switches (AL) are electrically pre-wired with wires of 1 mm^2, 500 mm long.
The auxiliary switch, alarm switch and auxiliary plus alarm switch have almost the same appearance.

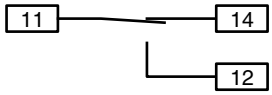
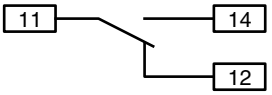
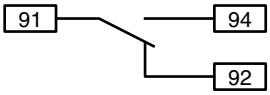
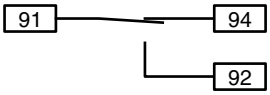
Combination of MCCB

Frame	MCCB Type		Type		
			Auxiliary switch (AUX)	Alarm switch (AL)	Auxiliary switch + alarm switch (AUX+AL)
100A	BW103E0	BW102S0, BW103S0	**BW9W1SB0**	**BW9K1SB0**	**BW9WKSB0**
160A	BW162E0, BW163E0	BW162J0, BW163J0 BW162S0, BW163S0	**BW9W1SG0**	**BW9K1SG0**	**BW9WKSG0**
250A	BW252E0, BW253E0	BW252J0, BW253J0 BW252S0, BW253S0			

■ Rating of auxiliary switches (AUX) and alarm switches (AL)

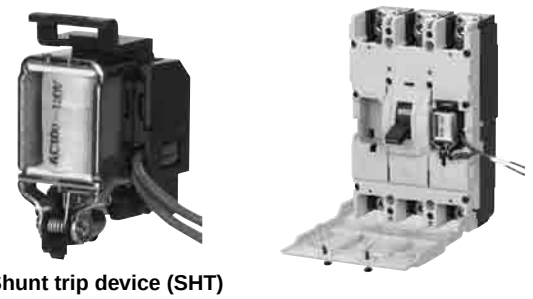
Type number	AC			DC			Mini. load current
	Voltage (V)	Make/Break current (A)		Voltage (V)	Make/Break current (A)		
		AC12	AC15		DC12	DC14	
BW9W1SB0	24	5	5	24	4	3	5V DC 160mA
BW9K1SB0	48	5	5	48	2.5	1	30V DC 30mA
BW9WKSB0	125	5	3	125	0.4	0.4	
	250	3	2	250	0.2	0.2	
BW9W1SG0	24	5	5	24	4	3	
BW9K1SG0	48	5	5	48	2.5	1	
BW9WKSG0	125	5	3	125	0.4	0.4	
	250	3	2	250	0.2	0.2	

■ Operation of auxiliary switches(AUX) and alarm switches(AL)

Accessory	Handle position		
	ON	OFF	Trip
Auxiliary switch (AUX)			
Alarm switch (AL)			

■ Shunt trip and undervoltage trip device

Shunt trip (SHT) is a device that issues an electrical signal to trip the MCCB.
Undervoltage trip device (UVR) is a device that is used to trip the MCCB when the main circuit voltage drops lower than the specified value. Both the shunt trip and undervoltage trip device can be installed on the right side of MCCB body.



Shunt trip device (SHT)

■ Combination of MCCB and shunt trip device

Frame		Type	Operating voltage code	
100A	BW103E0	**BW9FAB0**	A	100-130V AC
	BW102S0, BW103S0	**BW9FKB0**	K	200-277V AC
		BW9FPB0	P	380-480V AC
		BW9FRB0	R	24V DC
		BW9FSB0	S	48V DC
160A	BW162E0, BW163E0	**BW9FAG0**	A	100-120V AC
250A	BW162J0, BW163J0	**BW9F1G0**	1	120-130V AC
	BW162S0, BW163S0	**BW9FKG0**	K	200-240V AC
	BW252E0, BW253E0	**BW9FBG0**	B	277V AC
	BW252J0, BW253J0	**BW9FPG0**	P	380-440V AC
	BW252S0, BW253S0	**BW9FHG0**	H	440-480V AC
		BW9FRG0	R	24V DC
		BW9FSG0	S	48V DC

■ Combination of MCCB and undervoltage trip device (UVR)

Frame		Type	Operating voltage code	
100A	BW103E0	**BW9RAB0**	A	100-130V AC
	BW102S0, BW103S0	**BW9RKB0**	K	200-240V AC
		BW9RBB0	B	277V AC
		BW9RPB0	P	380-415V AC
		BW9RHB0	H	440-480V AC
		BW9RRB0	R	24V DC
		BW9RSB0	S	48V DC
		BW9RLB0	L	125V DC
160A	BW162E0, BW163E0	**BW9RAG0**	A	100-130V AC
250A	BW162J0, BW163J0	**BW9RKG0**	K	200-240V AC
	BW162S0, BW163S0	**BW9RBG0**	B	277V AC
	BW252E0, BW253E0	**BW9RPG0**	P	380-415V AC
	BW252J0, BW253J0	**BW9RHG0**	H	440-480V AC
	BW252S0, BW253S0	**BW9RRG0**	R	24V DC
		BW9RSG0	S	48V DC
		BW9RLG0	L	125V DC

Shunt trip devices (SHT) are capable of internal mounting only.
Undervoltage trip device (UVR) for 100AF is capable of internal mounting only.
Undervoltage trip device (UVR) for 160AF and 250AF is capable of external mounting only.

External mounting undervoltage trip device (UVR)

■ Ratings of shunt trip (SHT)

Type	Power consumption		Time rating of coil	Operating time (ms)	Allowable voltage fluctuation
	AC VA	DC W			
BW9F□B0	30	30	Continuous	13 to 21	AC voltage: 85% to 110% of coil rated voltage DC voltage: 75% to 125% of coil rated voltage
BW9F□G0	30	35			

■ Ratings of undervoltage trip device (UVR)

Type	Coil rated voltage	Power consumption		Allowable voltage fluctuation
		AC VA	DC W	
BW9R□B0	110-130V AC	5	–	Tripping voltage: 70 to 35% of coil rated voltage Closing voltage: 85% to 110% of coil rated voltage
	200-240V AC	5	–	
	277V AC	5	–	
	380-415V AC	5	–	
	440-480V AC	5	–	
	24V DC	–	5	
	48V DC	–	5	
	125V DC	–	5	
BW9R□G0	110-130V AC	200	–	
	200-240V AC	150	–	
	277V AC	150	–	
	380-415V AC	200	–	
	440-480V AC	200	–	
	24V DC	–	150	
	48V DC	–	150	
	125V DC	–	300	

■ Operating handle

N type handle

The structure is that the handle operating mechanism is installed on the MCCB body.
Attaching the dustproof packing ensures the degree of protection IP50 stipulated by IEC60529.
Conforms to isolation stipulated by IEC60947-1.

V type handle

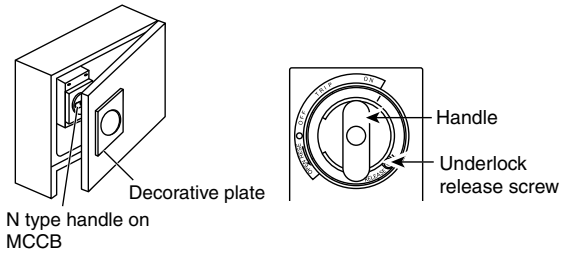
The structure is that the handle operating mechanism is installed on the door surface.
The standard V type operating handle ensures the degree of protection IP54 stipulated by IEC60529.
The space between the operating handle and the MCCB can be adjusted by using the extension shaft.
The operating handle mechanism can interlock the switchboard door.
Conforms to isolation stipulated by IEC60947-1.

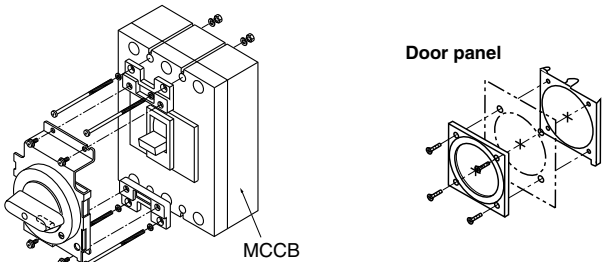
N type handle **V type handle**

■ Combination of MCCB and operating handle

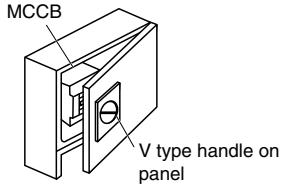
Frame	MCCB type	N type handle	V type handle
100A	BW103E0 BW102S0, BW103S0	**BW9N0B0**	**BW9V0B0**
160A	BW162E0, BW163E0 BW162J0, BW163J0 BW162S0, BW163S0	**BZ-N40C**	**BZ6V40C**
250A	BW252E0, BW253E0 BW252J0, BW253J0 BW252S0, BW253S0	**BZ-N40C**	**BZ6V40C**

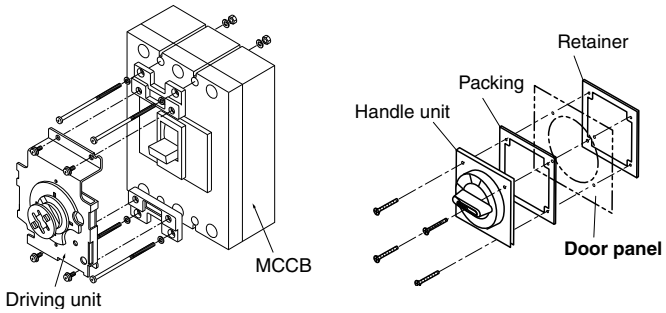
N type handle





V type handle





■ Operating method

- The ON, OFF, and RESET operation can be made for MCCB by rotating the handle. When the MCCB automatically interrupts the circuit, the handle indicates TRIP.
- By turning the RELEASE screw with a screwdriver, the door can be opened while the MCCB remained on.
- The handle can be locked OFF using a padlock. Use a commercially-available padlock. The shackle of the padlock should be max. ϕ5mm for BW9N0B0, max. ϕ8mm for BZ-N40C.

■ External accessories

• Terminal cover

Finger protection guards against shock from accidentally touching live terminals.

Long type

Short type

Frame	MCCB type		Long type	Short type	Packing quantity
100A	BW103E0	BW103S0	**BW9BTB0-L3**	**–**	2 pcs.
160A	BW162E0, BW163E0	BW162J0, BW163J0 BW162S0, BW163S0	**BZ-TB40B**	**BZ-TS40B**	
250A	BW252E0, BW253E0	BW252J0, BW253J0 BW252S0, BW253S0			

• Insulation barrier Interphase

The interphase barrier reinforces the insulation between terminals. Two insulation barriers are supplied with the MCCB body.
If additional insulation barriers are needed, please place an order with the following type number.

Frame	MCCB type		Type	Packing quantity
100A	BW103E0	BW102S0, BW103S0	**BW9BPB0**	2 pcs.
160A	BW162E0, BW163E0	BW162J0, BW163J0 BW162S0, BW163S0	**BZ-B40B**	4 pcs.
250A	BW252E0, BW253E0	BW252J0, BW253J0 BW252S0, BW253S0		

• Flat terminal

This terminal facilitates connecting work. Additional flat terminals can be attached to 160 to 250A frames. Attach flat terminals according to the screw size and tightening torque as shown in the table below.

Pole	MCCB type		Type	MCCB side		Flat terminal side		Packing quantity
				Screw size	Torque	Screw size	Torque	
2	BW162E0 BW252E0	BW162J0 BW162S0 BW252J0 BW252S0	**BZ-S50B-2252**	M8 × 20	8-13N•m	M8 × 25	8-10N•m	4 pcs.
3	BW163E0 BW253E0	BW163J0 BW163S0 BW253J0 BW253S0	**BZ-S50B-2253**	M8 × 20	8-13N•m	M8 × 25	8-10N•m	6 pcs.

• Block terminal

This connector screws directly to the standard connectors.

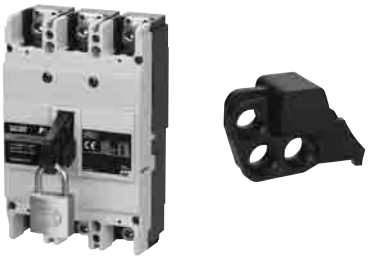
Frame	MCCB type		Rated current (A)	Wire size (mm^2)	Type	Packing quantity
100A		BW102S0	15 to 50	1.5 to 16	**BW9SSL0B0-052**	2 pcs.
			60 to 100	5.5 to 50	**BW9SSL0B0-102**	
	BW103E0	BW103S0	15 to 50	1.5 to 16	**BW9SSL0B0-053**	3 pcs.
			60 to 100	5.5 to 50	**BW9SSL0B0-103**	
160A	BW162E0, BW163E0	BW162J0, BW163J0 BW162S0, BW163S0	100 to 160	42.4 to 152	**BW9SSL0G0(*)**	
250A	BW252E0, BW253E0	BW252J0, BW253J0 BW252S0, BW253S0	175 to 250			

Note:(*) The Icu decreases to 50% when Block terminals are installed to the power supply side.

■ External accessories

• Handle locking device

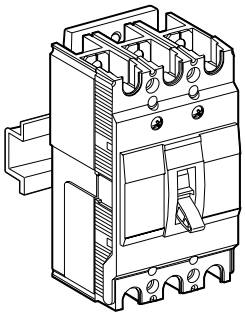
This key lock device snaps on to the enable the handle to be locked in either the OFF position. It can be used either as a handle locking cover or, with the addition of a padlock, as an OFF lock.
Use a commercially-available padlock. The shackle of the padlock should 4 to 8mm diameter.



Frame	MCCB type		Type
100A	BW103E0	BW102S0, BW103S0	**BW9Q1B0**
160A	BW162E0, BW163E0	BW162J0, BW163J0 BW162S0, BW163S0	**BW9Q1G0**
250A	BW252E0, BW253E0	BW252J0, BW253J0 BW252S0, BW253S0	

• IEC 35mm rail mounting adapter

Unification of the external and basic dimensions has expanded the range of models mountable on IEC 35mm rails.



MCCB type		Type
BW103E0	BW102S0, BW103S0	**BW9PDB0**

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