

Fuji Molded Case Circuit Breakers Overview

Overview

Fuji Molded Case Circuit Breakers are more compact (especially 100A, 125A, 250A frames) than any breakers on the market, so they take up less space in control panels.

This product group maintains conformity to all Worldwide standards.

Agency Approvals

- UL listed, MCCB, File: E90584
- UL listed, Accessories, File E93289
- CE marked
- CCC marked
- TUV certified

Standards

- UL 489
- CSA C22.2 No.5
- IEC 60947-2
- EN 60947-2
- GB 14048.2
- JIS C8201-2-1, 2 (ANN.1, 2)



Fuji Electric Molded Case Circuit Breakers Technical Specifications

| Circuit Breaker Type | Ampere Rating at 40°C | No. Poles | Volts | | Type of Trip* | UL 489 Interrupting Ratings (rms Symmetrical Amperes) (kA) | | | |
|----------------------|-----------------------|-----------|-------|-----|---------------|---|-----|-----|----------|
| | | | AC | DC | | Volts AC (50/60 Hz) | | | Volts DC |
| | | | | | | 240 | 480 | 600 | 250** |
| BW125JAGU | 15-125 | 3 | 600 | 250 | N.I.T.U | 50 | 30 | 10 | 10 |
| BW250JAGU | 125-250 | 3 | 600 | 250 | N.I.T.U | 50 | 30 | 10 | 10 |
| BW400SAGU | 250-400 | 3 | 480 | 250 | N.I.T.U | 50 | 35 | — | 10 |
| BW630RAGU | 500-600 | 3 | 480 | 250 | N.I.T.U | 100 | 50 | — | 10 |
| BW800RAGU | 700-800 | 3 | 480 | 250 | N.I.T.U | 100 | 50 | — | 10 |

Operating Range: -10 to 50°C [14 to 122°F]

*Note: N.I.T.U denotes non-interchangeable trip unit.

**Note: For DC or 1-phase AC applications, use the two outside poles of the 3-pole circuit breaker

Fuji Molded Case Circuit Breakers

250A Frame



Fuji BW250A series MCCBs are 250 amp frame, 3-pole, non-adjustable magnetic trip, molded case circuit breakers (MCCB). The BW250 series is suitable for reverse feed applications.

Included with each MCCB are Line and Load-side lug terminals, terminal covers and mounting hardware. Accessories are not pre-installed and are sold separately.

BW250JAGU-3P125SB

BW250-Frame Series Three-Pole Molded Case Circuit Breakers

| Part Number | Price | Frequency | Rated Interrupting Capacity (kA) | | | | | |
|--|-----------|-----------|----------------------------------|---|---|--|---|--------------------|
| | | | Rated Current | UL489 CAN/CSA C22.2 No. 5 | | IEC60947-2, JIS C 8201-2-1 Icu/Ics | | GB14048.2 Icu/Ics |
| | | | Ampere Rating | Voltage | Interrupt Capacity | Voltage | Interrupt Capacity | Voltage |
| <u>BW250JAGU-3P125SB</u> | \$:00abf: | 50/60 Hz | 125 | 600V/Y AC 480V/Delta AC 480V/Y AC 240V AC 250V DC | 10 kA 30 kA 30 kA 50 kA 10 kA | 500V AC 440V AC 400V AC 380V AC 240V AC 250V DC | 18/9 kA 30/15 kA 30/15 kA 30/15 kA 50/25 kA 20/10 kA | 400V AC 230V AC |
| <u>BW250JAGU-3P150SB</u> | \$00abg: | | 150 | | | | | |
| <u>BW250JAGU-3P160SB</u> | \$00abh: | | 160 | | | | | |
| <u>BW250JAGU-3P175SB</u> | \$-00abi: | | 175 | | | | | |
| <u>BW250JAGU-3P200SB</u> | \$-00abj: | | 200 | | | | | |
| <u>BW250JAGU-3P225SB</u> | \$00abk: | | 225 | | | | | |
| <u>BW250JAGU-3P250SB</u> | \$-00abl: | | 250 | | | | | |

Note: SCCR = UL489 interrupting capacity

BW250-Frame Accessory Selection Guide

| Part Number | Price | Description |
|------------------------------------|----------|---|
| <u>BW9W1SG0</u> | \$0a73: | Field installable auxiliary contact switch, use with BW125 and BW250 series MCCBs. SPDT. 20AWG lead wires, 19.69" long, left side mount only |
| <u>BW9FRG0</u> | \$0a6y: | Field installable DC shunt trip, use with BW125 and BW250 series MCCBs; 24 VDC/AC, 20 AWG lead wires 19.69" long, left and right side mount |
| <u>BW9FAG0</u> | \$0a6u: | Field installable AC shunt trip, use with BW125 and BW250 series MCCBs; 100-120 VAC, 20 AWG lead wires 19.69" long, left and right side mount |
| <u>BW9RGAR</u> | \$:0a6{: | Field installable DC undervoltage release, use with BW125and BW250 series MCCBs; 24 VDC, 20AWG lead wires, 19.69" long, left side mount only |
| <u>BW9RGAT</u> | \$0a6_: | Field installable AC undervoltage release, use with BW125and BW250 series MCCBs; 110-130 VAC, 20AWG lead wires, 19.69" long, left side mount only |
| <u>BW9SL0GA-3</u> | \$:054{: | Replacement lugs for BW250-frame MCCBs up to 175A, package of 3 |
| <u>BW9SL1GA-3</u> | \$0054_: | Replacement lugs for BW250-frame MCCBs 175A to 250A, package of 3 |
| <u>BW9V0GA</u> | \$:0a6,: | NEMA 12 rotary handle for BW250-Frame. Position indicating; lock-off feature. Shaft length: 0.39" |
| <u>BW9VSG0</u> | \$0a72: | NEMA 12 rotary handle shaft for BW9V0CA and BW9V0GA, BW125 and BW250 Frames. Steel shaft length: 6.06" (154 mm) |
| <u>BW9VSG0-24</u> | \$:0ab{: | NEMA 12 rotary handle shaft for BW9V0CA and BW9V0GA, BW125 and BW250 Frames. Steel shaft length: 24" (610 mm) |
| <u>BW9F0GA-15A</u> | \$00a6p: | NEMA 12 flexible shaft handle for BW250-Frame. Flange mounted. Lockable. Flex cable shaft length: 4.92' (1.5m) |
| <u>BW9F0GA-20A</u> | \$00a6q: | NEMA 12 flexible shaft handle for BW250-Frame. Flange mounted. Lockable. Flex cable shaft length: 6.56' (2m) |
| <u>BW9Q1CA</u> | \$0a6z: | Lockout attachment, use to lock out BW125 and BW250 series MCCBs. Lock not included. |

Note: Short-type terminal covers (gray-white) are supplied as standard.



[BW9V0GA](#)



[BW9F0GA-15A](#)



[BW9FRG0](#)



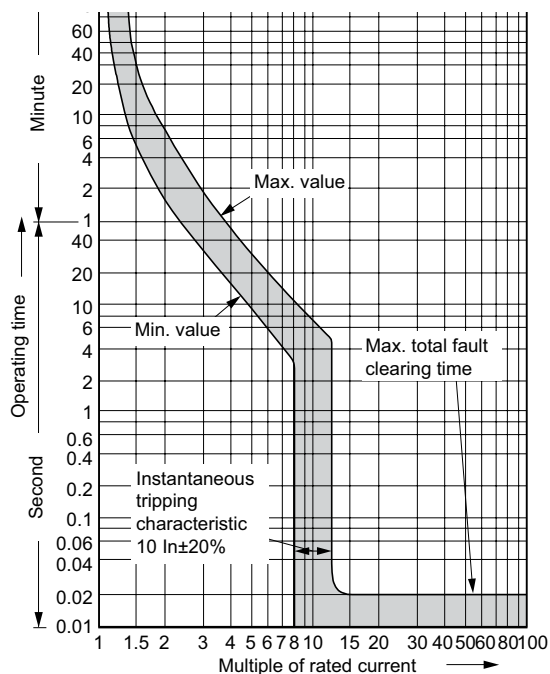
[BW9RGAR](#)



[BW9Q1CA](#)

Fuji Molded Case Circuit Breakers –250A Frame Characteristic Curves

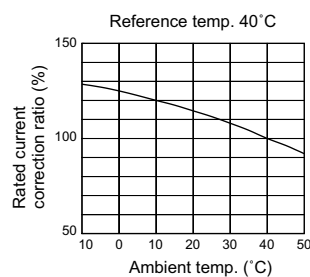
BW250 Current Range 125 - 250A



Note: Instantaneous tripping = $10 \times (\text{rated current}) \pm 20\%$
I_n = rated current



BW250 (Current Range: 125 - 250A)



Fuji Molded Case Circuit Breakers

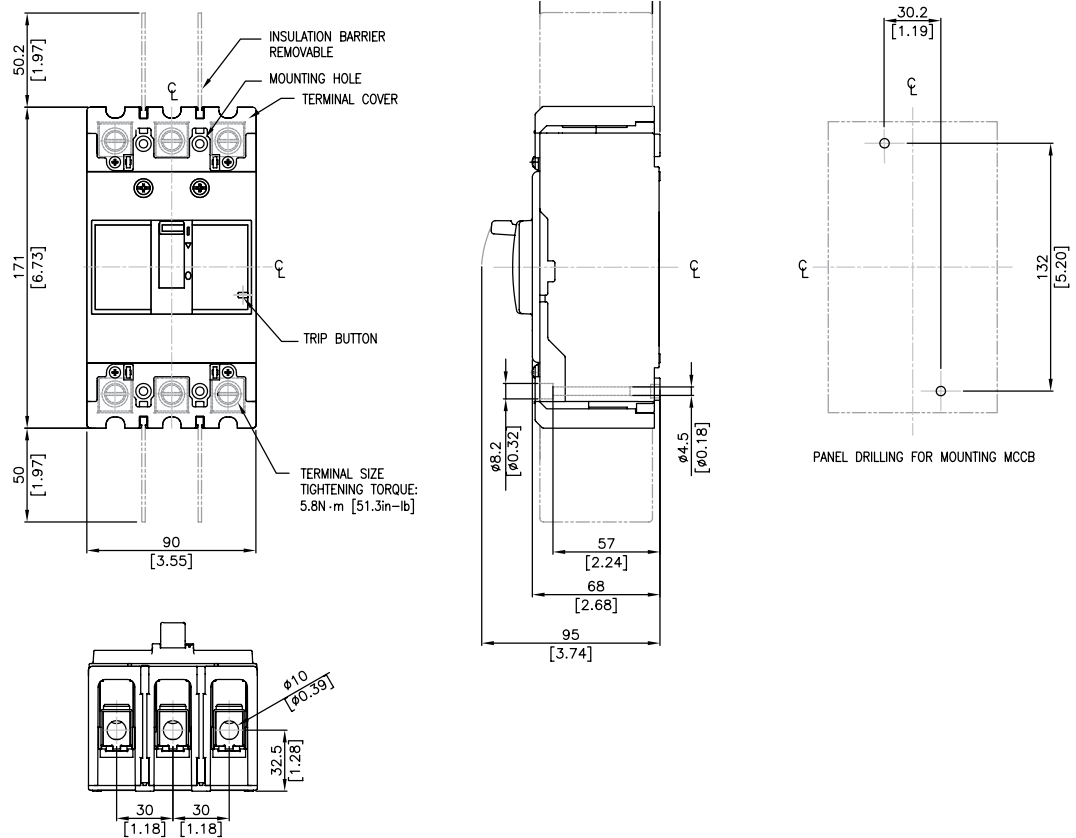
Dimensions

Dimensions

mm [inches]

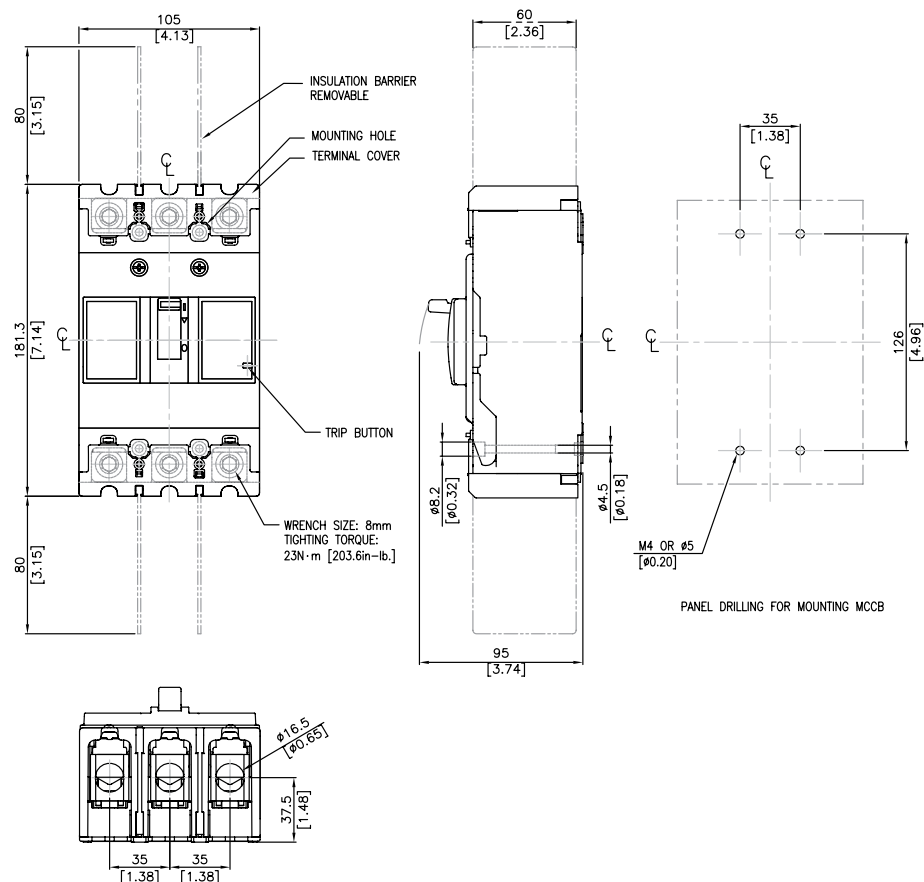
15 to 125A

BW125A Frame



125 to 250A

BW250A Frame

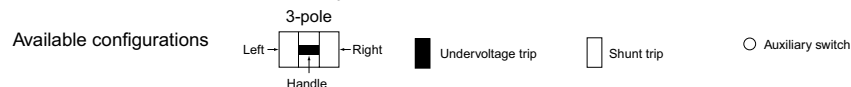


Fuji Molded Case Circuit Breakers

Products And Accessory Compatibility

| Match the Accessories with Fuji Molded Case Circuit Breakers | | | | | | |
|--|---|-----------|-----------|-----------|-----------|-----------|
| Part Number | Description | BW125JAGU | BW250JAGU | BW400SAGU | BW630RAGU | BW800RAGU |
| BW9W1SG0 | Auxiliary Switch (Mounting Left and right side) | X | X | | | |
| BW9W1SHA | Auxiliary Switch (Mounting Left side ONLY) | | | X | X | X |
| BW9FRG0 | Shunt Trip 24 VAC/VDC (Mounting both Left and Right sides) | X | X | | | |
| BW9FHA-R | Shunt Trip 24-48 VAC/VDC (Mounting Left side ONLY) | | | X | X | X |
| BW9FAG0 | Shunt Trip 100-120 VAC, 100-110 VDC (Mounting both Left and Right sides) | X | X | | | |
| BW9FHA-A | Shunt Trip 100-280 VAC, 100-220 VDC (Mounting Left side ONLY) | | | X | X | X |
| BW9RGAR | UnderVoltage Release 24VDC (Left side ONLY) | X | X | | | |
| BW9RHA-R | UnderVoltage Release 24 VAC/VDC (Left side ONLY) | | | X | X | X |
| BW9RGAT | UnderVoltage Release 110-130 VAC (Left side ONLY) | X | X | | | |
| BW9RHA-1 | UnderVoltage Release 120-130 VAC, 125VDC (Left side ONLY) | | | X | X | X |
| BW9SL0CA-3 | Replacement Lugs Kit for 125 Amp frame | X | | | | |
| BW9SL0GA-3 | Replacement Lugs Kit for 250 Amp frame up to 175A | | X | | | |
| BW9SL1GA-3 | Replacement Lugs Kit for 250 Amp frame 200A to 250A | | X | | | |
| BW9V0CA | Rotary Handle | X | | | | |
| BW9V0GA | Rotary Handle | | X | | | |
| BW9VSG0 | Optional Shaft for BW9V0CA and BW9V0GA, 6.063" | X | X | | | |
| BW9VSG0-24 | Optional Shaft for BW9V0CA and BW9V0GA, 24" | X | X | | | |
| BW9V0HA | Rotary Handle, | | | X | | |
| BW9V0JA | Rotary Handle, | | | | X | X |
| BZ-VS2 | Optional Shaft for BW9V0HA and BW9V0JA, 3.48" | | | X | X | X |
| BZ-VS2-24 | Optional Shaft for BW9V0HA and BW9V0JA, H = 24" | | | X | X | X |
| BW9F0CA-15A | Flange Handle (flex shaft), NEMA 12, 59" (1.5m) cable, 125 Amp frame | X | | | | |
| BW9F0CA-20A | Flange Handle (flex shaft), NEMA 12, 78.7" (2.0m) cable, 125 Amp frame | X | | | | |
| BW9F0GA-15A | Flange Handle (flex shaft), NEMA 12, 59" (1.5m) cable, 250 Amp frame | | X | | | |
| BW9F0GA-20A | Flange Handle (flex shaft), NEMA 12, 78.7" (2.0m) cable, 250 Amp frame | | X | | | |
| BW9F0HA-15A | Flange Handle (flex shaft), NEMA 12, 59" (1.5m) cable, 400 Amp frame | | | X | | |
| BW9F0HA-20A | Flange Handle (flex shaft), NEMA 12, 78.7" (2.0m) cable, 400 Amp frame | | | X | | |
| BW9F0JA-15A | Nema 12 flexible shaft handle for 630A or 800A frame. 59.06" (1.5m) cable | | | | X | X |
| BW9F0JA-20A | Nema 12 flexible shaft handle for 630A or 800A frame. 78.74" (2m) cable | | | | X | X |
| BW9BTHA-L3W | Terminal Cover for the 400A frame | | | X | | |
| BW9BTJA-L3W | Terminal Cover for the 630A AND 800A frame | | | | X | X |
| BW9Q1CA | Lockout Attachment 125A and 250A frames | X | X | | | |
| BW9QNHA | Lockout Attachment 400A, 630A and 800A frames | | | X | X | X |

Internal Accessory Combinations for BW Series



| MCCB | BW125 BW250 | BW400 BW630 BW800 |
|---------------------------------|----------------|-------------------------|
| Pole | 3 | 3 |
| Auxiliary switch | | |
| SPDT | | |
| Shunt trip | | |
| Undervoltage trip | | |
| Auxiliary Switch + Shunt Trip | | |
| Undervoltage + Auxiliary Switch | | |

Fuji Molded Case Circuit Breakers

Wire Range Specifications



Wiring

- When connecting the wires, follow NEC (National Electric Code, USA) or CEC (Canadian Electrical code Part 1, Canada) instructions.
- Use copper wire rated for 75°C (167°F) for connecting. UL or CSA approved wire is recommended.
- Tighten the wire connections adequately, as a very large electromagnetic force will be generated when short circuit current is generated.
- Perform additional tightening of the terminal screws periodically.

Allowable Wire Specifications for Lug Terminals

| Wire Size AWG or MCM (mm ²) | Number of Wire Strands |
|---|------------------------|
| 14 to 2 (2.1 to 33.6) | 7 |
| 1 to 4/0 (42.4 to 107.2) | 19 |
| 250 to 500 (127 to 250) | 37 |



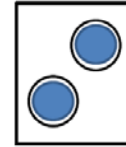
- Adhere to the allowable number of strands of wire indicated in the table on the left.
- Two wires cannot be connected together to a single connecting hole of lug terminal except BW400SAGU-3P400SB.
- Follow the number of strands of wire indicated on the table. (Wire size and number of wire strands not listed on table can not be connected)
- Do not solder the end of the wire.



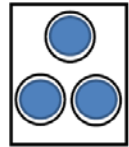
Rated current
15A to 350A



Rated current
400A
3/0 AWG x 2
19 strands each



Rated current
500A to 700A



Rated current
800A
300 MCM x 3
37 strands each

Allowable Wire Sizes and Tightening Torque

| Type | Rated Current (A) | Wire Size (AWG or MCM [mm ²]) | Tightening Torque |
|-------|-------------------|---|--------------------------|
| | | | Lug Terminal* |
| BW125 | 15 | 14 AWG [2.1 mm ²] | 51 lb•in [5.8 N•m] |
| | 20 | 12 AWG [3.3 mm ²] | |
| | 30 | 10 AWG [5.3 mm ²] | |
| | 40 | 8 AWG [8.4 mm ²] | |
| | 50 | 8 AWG [8.4 mm ²] | |
| | 60 | 6 AWG [13.3 mm ²] | |
| | 70 | 4 AWG [21.1 mm ²] | |
| | 75 | 4 AWG [21.1 mm ²] | |
| | 80 | 4 AWG [21.1 mm ²] | |
| | 90 | 3 AWG [26.7 mm ²] | |
| | 100 | 3 AWG [26.7 mm ²] | |
| BW250 | 125 | 1 AWG [42.4 mm ²] | 204 lb•in [23 N•m] |
| | 150 | 1/0 AWG [53.5 mm ²] | |
| | 175 | 2/0 AWG [67.4 mm ²] | |
| | 200 | 3/0 AWG [85.0 mm ²] | |
| | 225 | 4/0 AWG [107.2 mm ²] | |
| | 250 | 250 MCM [127 mm ²] | |
| BW400 | 250 | 250 MCM [127mm ²] | 385 lb•in [43.5 N•m] |
| | 300 | 350 MCM [177mm ²] | |
| | 350 | 500 MCM [253mm ²] | |
| | 400 | 3/0 AWGx2 [85.0 mm ² x2] | 282 lb•in [31.9 N•m] |
| BW630 | 500 | 250 MCMx2 | 275 lb•in [31.07 N•m] |
| | 600 | 350 MCMx2 | |
| BW800 | 700 | 500 MCMx2 | 275 lb•in [31.07 N•m] |
| | 800 | 300 MCMx3 | |

*Lug terminals are supplied as standard.

Note: Terminals are factory-installed only for BW400, BW630 and BW800 series.

No replacement terminals available.

Fuji Molded Case Circuit Breakers

Field-mountable Accessories



Defeatable Rotary Handle Operating Mechanisms

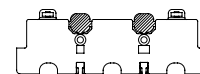
BW9V0CA shown

| Rotary Operating Handles for Fuji MCCBs – Selection Guide | | | | | | | | | |
|---|---------------|----------|------------------------|--|--|---|--|----------------|--------------------------------|
| Breaker Type | V-type Handle | Price | V-type Handle | With the optional shaft (x = 6.102 (155)) | | With the optional shaft (x = 24.567 (624)) | | Mounting Screw | V-type Handle Mass lb. (kg) |
| | | | H: inch(mm) | Max. Mounting Depth H: inch(mm) | Range in which the hinge with H can be installed | Max. Mounting Depth H: inch(mm) | Range in which the hinge with H can be installed | | |
| BW125 | BW9V0CA | \$0a6?: | 4.134±0.078 (105±2) | 9.843±0.078 (250±2) | 5.512 to 9.843 (140 to 250) | 28.307±0.078 (719±2) | 28.307 - 5.591 (124 - 719) | M4 x 3.35 (85) | 1.48 (0.67) |
| BW250 | BW9V0GA | \$:0a6:. | | | | | | | |

Notes: • Handle is an operating mechanism only; not for sealing enclosure door.

• Not available for side mounting

• For BW250 Series only: When mounting a terminal cover, cut away part of it because it hides the mounting screws for the breaker.



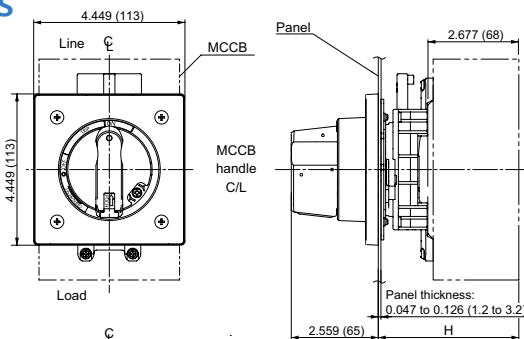
Remove the shaded parts in the figure.

125A, 250A Frame V type handle

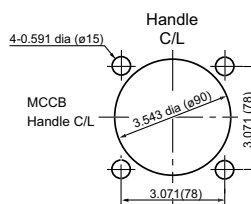
• BW9V0CA, BW9V0GA (BW9VSG0, BW9VSG0-24: optional shafts)

Dimensions

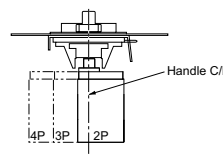
mm [inches]



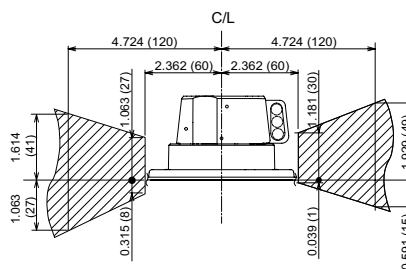
Door panel cutting



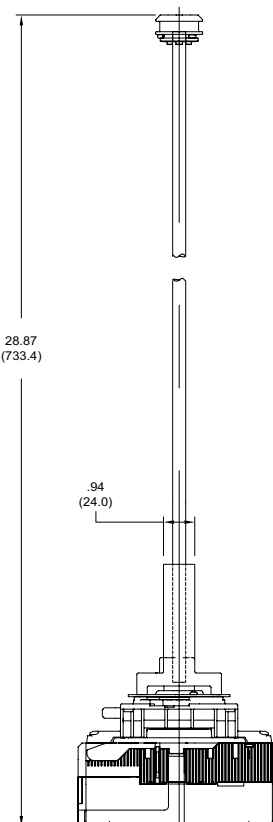
Note: Align the center of the hole cut in the panel with the center of the breaker handle.



Installation caution area



Use caution that any item mounted in shaded area can move freely.



BW9VSG0-24 optional shaft Breaker and Shaft Assembly

Fuji Molded Case Circuit Breakers

Field-mountable Accessories

Defeatable Flexible Handle Operating Mechanisms



BW9F0JA-20A shown

| Flex Shaft Handles for Fuji MCCBs – Selection Guide | | | |
|---|-----------------------------|----------|--|
| Breaker Type | Handle Type | Price | Description |
| BW125 | BW9F0CA-15A | \$00a6n: | Nema 12 flexible shaft handle for 125A frame. 59.06" (1.5m)cable |
| | BW9F0CA-20A | \$00a6o: | Nema 12 flexible shaft handle for 125A frame. 78.74" (2m) cable |
| BW250 | BW9F0GA-15A | \$00a6p: | Nema 12 flexible shaft handle for 250A frame. 59.06" (1.5m)cable |
| | BW9F0GA-20A | \$00a6q: | Nema 12 flexible shaft handle for 250A frame. 78.74" (2m) cable |
| BW400* | BW9F0HA-15A | \$00a6s: | Nema 12 flexible shaft handle for 400A frame. 59.06" (1.5m)cable |
| | BW9F0HA-20A | \$00a6t: | Nema 12 flexible shaft handle for 400A frame. 78.74" (2m) cable |
| BW630*& BW800* | BW9F0JA-15A | \$00a6i: | Nema 12 flexible shaft handle for 630A or 800A frame. 59.06" (1.5m)cable |
| | BW9F0JA-20A | \$00a6j: | Nema 12 flexible shaft handle for 630A or 800A frame. 78.74" (2m) cable |

*Terminal covers for line side and load side included with Flange Disconnects. 2/pk

| Flex Handle Specifications | | | | |
|--------------------------------------|--|------------|------------|----------------|
| Operating instructions | <ul style="list-style-type: none"> • Operating handle facing up, Breaker is in ON position. • Operating handle facing down, Breaker is in OFF position or is reset. • Panel door cannot be opened when in ON, OFF or Trip position. In order to open the door, the handle must be turned toward reset position. • Release screw is standard. If you want to open a panel door in ON position, please turn the release screw using flat head screwdriver. | | | |
| Frame Size | 125A frame | 250A frame | 400A frame | 630A/800 frame |
| Mechanical Endurance (cycles) | 10,000 | 8,000 | 6,000 | 6,000 |
| Ambient Temperature | 14 to 140F (- 10 to 40°C) | | | |
| Relative Humidity | less than 95% RH | | | |
| Protection | NEMA Type12 IP54 (IEC60529) | | | |
| Conforming Standards | NFPA 79(2007), ANSI(Lockout), OSHA(1910.147, Lockout/tagout), UL489(cUL) | | | |
| Environment | No excessive dust, smoke, corrosive gases, flammable gases, steam or salt. | | | |

BW9F0CA



Fuji Molded Case Circuit Breakers Accessories



Auxiliary Contacts



BW9W1SHA shown

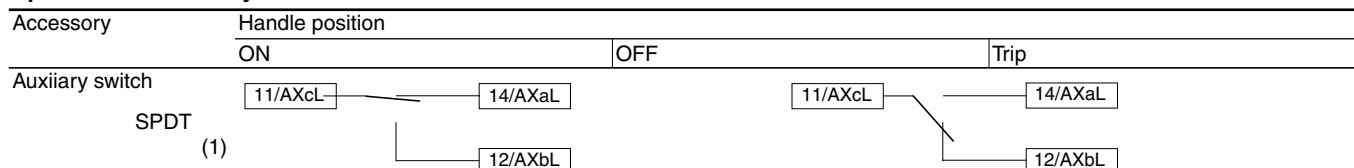
The auxiliary contacts are accessory contacts for the indication of circuit breaker open-closed or tripped.

| Auxiliary Contacts for Fuji MCCBs – Selection Guide | | | |
|---|--------------------------|---------|---|
| Breaker Type | Part Number | Price | Description |
| BW125 BW250 | BW9W1SG0 | \$0a73: | Auxiliary switch for for 125A and 250A frame. Mounting left and right side |
| BW400 BW630 BW800 | BW9W1SHA | \$0a74: | Auxiliary switch for for 400A, 630A and 800A frame. Mounting left side ONLY |

Ratings of Auxiliary Switches

| Standard Type | | | | | | | | |
|----------------------------------|---------------------------|------------------------|-----------|-----------|-------------|-----------|-----------|----------------------|
| Breaker Type | Rated Thermal Current (A) | Make/Break Current (A) | | | | | | Minimum Load Current |
| | | AC | | | DC | | | |
| | | Voltage (V) | Res. Load | Ind. Load | Voltage (V) | Res. Load | Ind. Load | |
| BW125, BW250, BW400 BW630, BW800 | 5 | 24 | 5 | 5 | 24 | 4 | 3 | 5V DC 160 mA |
| | | 48 | 5 | 5 | 48 | 2.5 | 1 | 30V DC 30 mA |
| | | 125 | 5 | 3 | 125 | 0.4 | 0.4 | |
| | | 250 | 3 | 2 | 250 | 0.2 | 0.2 | |

Operation of auxiliary switches



Shunt Trips

Shunt Trip is for remote tripping (opening) of circuit breaker.



BW9FRG0 shown

| Shunt Trips for Fuji MCCBs – Selection Guide | | |
|--|---------|---|
| Part Number | Price | Description |
| BW9FRG0 | \$0a6y: | Field installable 24 VAC/VDC shunt trip for BW125 and BW250 series MCCB. Left and right side mounting. Lead wires 20AWG, 19.69" long. |
| BW9FHA-R | \$0a6x: | Field installable 24/48 VAC/VDC shunt trip for BW400, BW630 and BW800 series MCCB. Left side mounting only. Lead wires 20AWG, 19.69" long. |
| BW9FAG0 | \$0a6u: | Field installable 100/120 VAC, 100-110 VDC shunt trip for BW125 and BW250 series MCCB. Left and right side mounting. Lead wires 20AWG, 19.69" long. |
| BW9FHA-A | \$0a6v: | Field installable 100/240 VAC, 100-220 VDC shunt trip for BW400, BW630 and BW800 series MCCB. Left side mounting only. Lead wires 20AWG, 19.69" long. |

Ratings of Shunt Trips

| Breaker Type | AC | | DC | | Time Rating of Coil (with 1 N.O. contact to prevent coil burnout) | Operating Time (ms) |
|--------------------------------|-------------|----|-------------|----|--|---------------------|
| | Voltage (V) | VA | Voltage (V) | W | | |
| BW125, BW250 | 24 | 50 | 24 | 50 | Continuous | 13-21 |
| | 100-120 | 50 | 100-110 | 50 | | |
| BW400, BW630, BW800 | 24-48 | 2 | 24-48 | 2 | Continuous | 8-20 |
| | 100-240 | 3 | 100-220 | 3 | | |

Note: Allowable operating voltage AC voltage: 85% to 110% of coil rated voltage
DC voltage: 75% to 125% of coil rated voltage

Fuji Molded Case Circuit Breakers Accessories



Undervoltage Releases

Undervoltage Release will trip the circuit breaker when the connected voltage drops to less than 70% of undervoltage release voltage rating. It will allow the circuit breaker to close (ON) when voltage is approximately 85% of rated voltage.

| Undervoltage Releases for Fuji MCCBs – Selection Guide | | | |
|--|--------------------------|----------|--|
| Breaker Type | Part Number | Price | Description |
| BW125, BW250 | BW9RGAR | \$;0a6[: | Undervoltage Release 24V DC (Left side ONLY) |
| BW125, BW250 | BW9RGAT | \$0a6_: | Undervoltage Release 110 to 130 VAC VAC/VDC (Left side ONLY) |
| BW400, BW630, BW800 | BW9RHA-R | \$;0a6!: | Undervoltage Release 24 VAC/VDC (Left side ONLY) |
| BW400, BW630, BW800 | BW9RHA-1 | \$0a6#: | Undervoltage Release 120 to 130 VAC 125 VDC (Left side ONLY) |



BW9RGAR shown

| Ratings of Undervoltage Trip | | | | |
|--|-------------|----|-------------|---|
| Breaker Type | AC | | DC | |
| | Voltage (V) | VA | Voltage (V) | W |
| BW125*1 BW250*1 | – | – | 24 | 5 |
| | 110 - 130 | 5 | – | – |
| BW400*2 BW630*2 BW800*2 | 24 | 2 | 24 | 2 |
| | 120 - 130 | 3 | 125 | 3 |

Note: Allowable operating voltage: AC voltage: 85% to 110% of coil rated voltage
DC voltage: 75% to 125% of coil rated voltage.

*1 Reset-allowed type: When the breaker handle is in the OFF or RESET state, tripping does not occur, even if the undervoltage trip coil is not energized.

Turning ON with the undervoltage trip coil not energized causes normal tripping.

*2 Reset-prohibited type: When the undervoltage trip coil is not energized, reset operation cannot reset the tripped breaker to the OFF state.



BW9SL0GA-3 shown

Replacement Lugs

| Replacement Lug Kits for Fuji MCCBs – Selection Guide | | |
|---|----------|---|
| Part Number | Price | Description |
| BW9SL0CA-3 | \$;054[: | Replacement lug kit for BW125 series MCCB. 75°C. Cu only Package of 3 |
| BW9SL0GA-3 | \$;054[: | Replacement lug kit for BW250 series up to 175A MCCB. 75°C. Cu only Package of 3 |
| BW9SL1GA-3 | \$0054_: | Replacement lug kit for BW250 MCCB series 200A to 250A. 75°C. Cu only Package of 3 |

Note: Terminals are factory-installed only for BW400, BW630 and BW800 series. No replacement terminals available.

Fuji Molded Case Circuit Breakers Accessories



Terminal Covers

Terminal covers act as guards to shield the operator from touching live terminations. They fit either the line or load side.

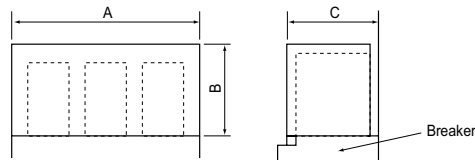


BW9BTJA-L3W shown

| Terminal Covers for Fuji MCCBs – Selection Guide | | | | | | |
|--|-----------------------------|-----------|---|----------------------|-------------|------------|
| Breaker Type | Part Number | Price | Description | Dimensions inch (mm) | | |
| | | | | A | B | C |
| BW400 | BW9BTJA-L3W | \$;-0etj: | Gray-white Long type terminal cover for Fuji MCCBs. For line side and load side. 2/pk | 6.772 (172) | 4.331 (110) | 3.858 (98) |
| BW630, BW800 | BW9BTJA-L3W | \$;0etk: | Gray-white Long type terminal cover for Fuji MCCBs. For line side and load side. 2/pk | 8.268 (210) | 6.102 (155) | 3.858 (98) |

Note: Gray-white short type terminal covers are provided with breakers as standard for 125 and 250 Amp frames.

Dimensions of Terminal Covers: inch (mm)



Lockout Attachment

| Lockout Attachments for Fuji MCCBs – Selection Guide | | | |
|--|-------------------------|----------|---|
| Breaker Type | Part Number | Price | Description |
| BW125 BW250 | BW9Q1CA | \$0a6z: | Use to lock out BW125 and BW 250 series MCCBs. Lock not included |
| BW400, BW630, BW800 | BW9QNHA | \$;0a6j: | Use to lock out BW400, BW600 and BW800 MCCBs. Lock not included. |



BW9Q1CA shown