

Molded Case Circuit Breakers

G-TWIN series

Accessories

■ Variation of internal accessory

• 125 to 250AF

Auxiliary switch (Type W)



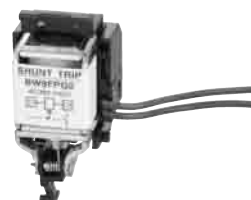
This switch is used for indicator lamp or control circuit.
See page 06/69.

Alarm switch (Type K)



This switch can be connected to a warning lamp or buzzer to indicate when the breaker has been tripped.
See page 06/69.

Shunt trip device (Type F)

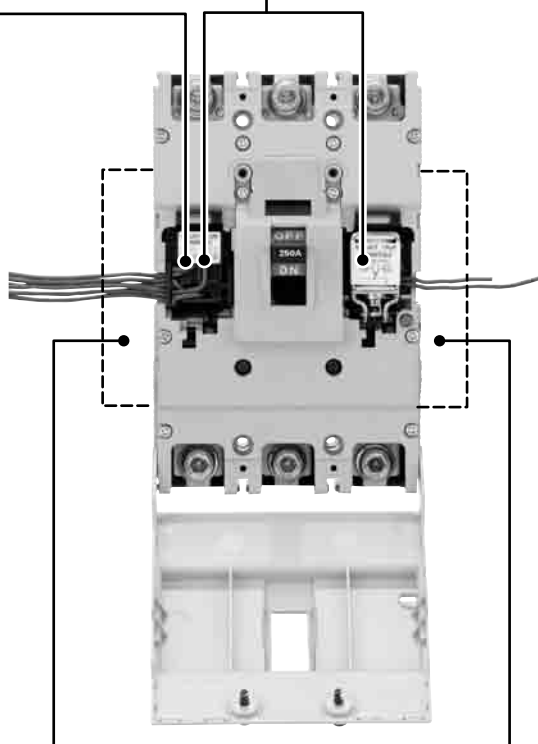


The purpose of this accessory is to trip the breaker from a distance.
See page 06/70.

Undervoltage trip device (Type R)



The device is designed to protect circuits from harmful voltage drops. It can also be used for remote control purposes. The trip operates when the voltage drops to less than 70% of nominal coil rating, and the breaker cannot be reset until the voltage recovers 85% of its normal rating.
See page 06/70.



Terminal block (Type A)



A wiring terminal for internal accessories (Factory-mounted)
See page 06/71.

Internal Accessories for G-TWIN

Rating of shunt trip (F)

Breaker type	AC		DC		Time rating of coil	Opening time (ms)
	V	VA	V	W		
BW125, BW250 EW125, EW250	24	50	24	50	Continuous (With 1NO contact to prevent coil burn-out)	13-21
	48	50	48	50		
	100-120	50	100-110	50		
	120-130	50	–	–		
	200-240	50	200-220	50		
	277	50	–	–		
	380-440	50	–	–		
	440-480	50	–	–		
BW400, BW630, BW800 EW400, EW630	24-48	2	24-48	2	Continuous	8-20
	100-240	3	100-220	3		
	277	3	–	–		
	380-550	4	–	–		

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

Rating of undervoltage trip (R)

Breaker type	AC		DC		Code
	V	VA	V	W	
BW125 *1	–	–	24	5	RR
BW250 *1	–	–	48	5	RS
EW125 *1	–	–	100-110	5	RL
EW250 *1	–	–	125	5	R5
	100-110	5	–	–	RA
	110-130	5	–	–	RT
	200-240	5	–	–	RK
	277	5	–	–	RB
	380-415	5	–	–	RP
	440-480	5	–	–	RH
BW400 *2	24	2	24	2	RR
EW400 *2	48	2	48	2	RS
BW630 *2	100-110	3	100-110	3	RA
EW630 *2	120-130	3	125	3	R1
BW800 *2	200-240	3	200-220	3	RK
	277	3	–	–	RB
	380-480	4	–	–	RP

Note: Allowable voltage function 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 R coil is not energized. Turning ON with the R coil not energized causes normal tripping.

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

Lead wire specification

Wire size: AWG20 (0.5mm²)

Wire length: 19.69 inch (500mm)