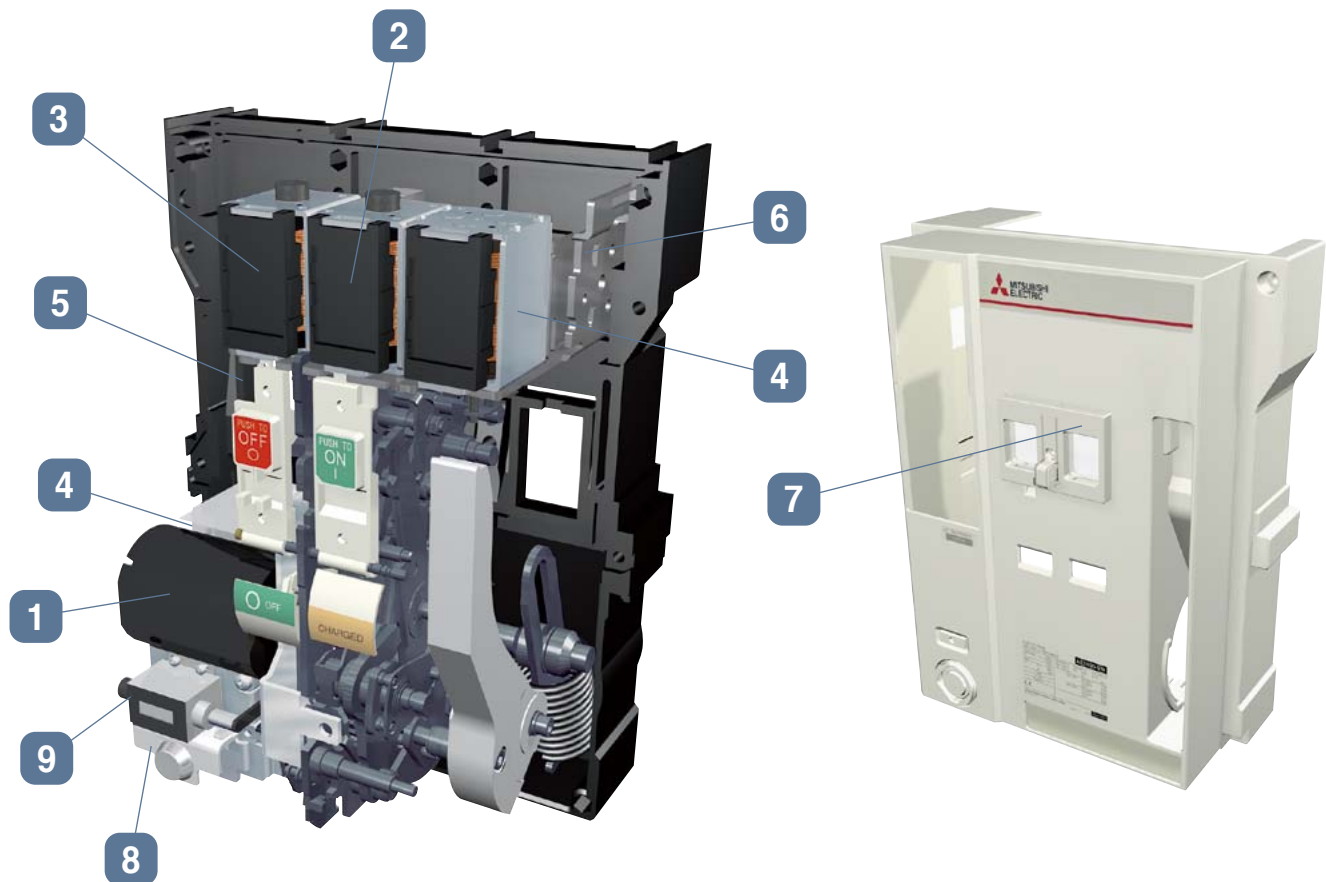


Accessories (for breaker unit)



Closing coil (CC)

Option

2

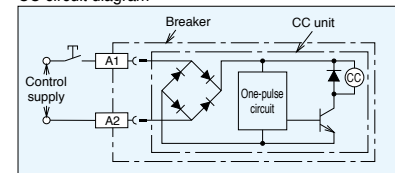


The closing coil is a device to close the breaker by remote control.

- An interlock to prevent pumping is provided electrically.

Rated voltage (Applicable voltage range)	Operating voltage · Operating inrush current (VA)		Closing time (Note1)
	AC	DC	
24-48V DC (18-52.8)	-	24V DC 3.0A (100W)	0.08 s or less
	-	48V DC 6.0A (200W)	
100-250V AC · DC common (75-275)	100V AC 0.7A (100VA)	100V DC 0.8A (100W)	
	250V AC 1.7A (200VA)	250V DC 1.8A (250W)	

CC circuit diagram



Diode rectifier is not used for control source 24-48V DC.

- Note 1) In case of double rating of rated voltage, it is the value for the lower rating.
(Example) In case of 24-48V DC, it is operating time for 24V DC.
- Note 2) After completing closing spring charging, wait for an interval of at least 0.5 seconds before applying the closing instruction to CC.
- Note 3) When closing again after applying voltage to SHT, an interval of at least 0.5 seconds is required.
- Note 4) These values are for reference, not guaranteed values.
- Note 5) Common use for 50 and 60Hz in AC.

- Closing time means time from the initial energization of the closing coil up to the complete closing of the main contacts.
- As CC is one-pulse driven, it is not necessary to insert AXb for burning prevention purposes. Inserting AXb will cause anti-pumping function to be ineffective.

Shunt trip device (SHT)

Option

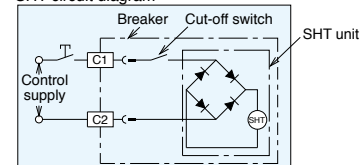
3



The shunt trip device is a device to open the breaker by remote control. A cut-off switch is included.

Rated voltage (Applicable voltage range)	Operating voltage · Operating inrush current (VA)		Operating time (Note1)
	AC	DC	
24-48V DC (16.8-52.8)	-	24V DC 2.5A (100W)	0.04 s or less
	-	48V DC 6.0A (200W)	
100-250V AC · DC common (70-275)	100V AC 0.4A (100VA)	100V DC 0.6A (100W)	
	250V AC 1.4A (150VA)	250V DC 1.6A (200W)	
380-500V AC (266-550)	380V AC 0.5A (250VA)	-	
	500V AC 0.7A (300VA)	-	

SHT circuit diagram



Diode rectifier is not used for control source 24-48V DC.

- Note 1) In case of double rating of rated voltage, it is the value for the lower rating.
(Example) In case of 24-48V DC, it is operating time for 24V DC.
- Note 2) Operating time for AE4000-SW~AE6300-SW is 0.05s or less.
- Note 3) These values are for reference, not guaranteed values.
- Note 4) Common use for 50 and 60Hz in AC.