

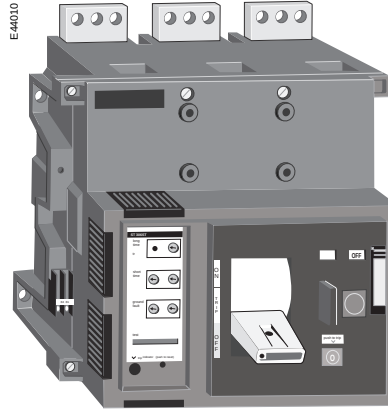
Molded Case Circuit Breakers

COMPACT® CM 1250, CM 1600, CM 2000 and CM 2500 Circuit Breakers

Molded Case Circuit Breaker

The CM type circuit breaker covers continuous current ratings from 1250 to 2500 A

- 100% rated circuit breaker
- Reverse feeding
- High endurance
- Selectivity up to 35 000 A
- One frame size for five ratings
- Reduced overall dimensions
- Ease of installation
- Maintenance-free operation
- Extensive list of accessories
- Built-in ground-fault protection
- Mechanical fault indicator
- Overcurrent trip switch
- Push-to-trip



Electronic Trip Unit

The COMPACT® CM circuit breaker can be equipped with one of three types of electronic trip units to suit the individual requirements of the application. Each trip unit includes its own adjustment ranges and characteristics, increasing accuracy, reliability and versatility of the circuit breaker's performance.

Trip Unit

Three types of electronic trip units are available:

	ST 206D	ST 306S	ST 306ST ST 316ST ^①
Long-time	■	■	■
Short-time		■	■
Instantaneous	■	Fixed	Fixed
Ground-fault			■

① For COMPACT CM 2500 circuit breaker.

Field Test Kit

Functional testing of the trip unit can be achieved by using a field test kit connected to a 120 V, 60 Hz supply.

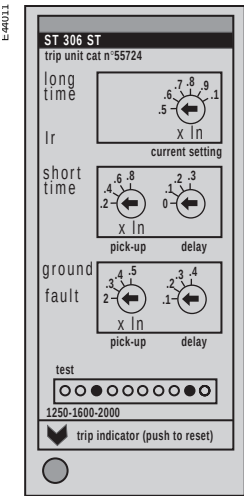
Characteristics

CM Type 3-Pole	Rating (A)	UL 489 Listed / NEMA AB1 Interrupting Ratings		
		RMS Sym. Amps		
	Current Sensors	240 V	480 V	600 V
Standard Rated Circuit Breaker				
CM 1250HE	1250	125 000	85 000	50 000
CM 1600HE	1600	125 000	85 000	50 000
CM 2000HE	2000	125 000	85 000	50 000
CM 2500HE	2500	125 000	85 000	50 000
100% Rated Circuit Breaker				
CM 1250HH	1250	125 000	85 000	50 000
CM 1600HH	1600	125 000	85 000	50 000
CM 2000HH	2000	125 000	85 000	50 000
CM 2500HH	2500	125 000	85 000	50 000
Molded Case Switches				
CM 1600HA	1600	—	—	—
CM 2000HA	2000	—	—	—



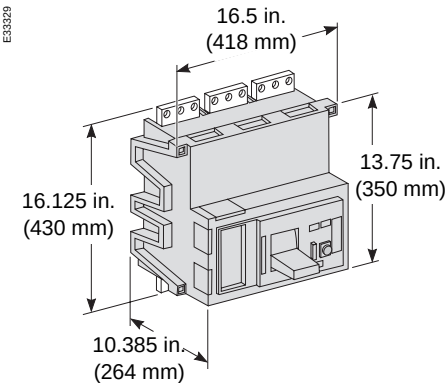
SQUARE D
GROUPE SCHNEIDER

Electronic Trip Unit



Dimensions

1250 and 1600 A Ratings



Internal Accessories

- Two SPDT **auxiliary switches** or
 - Four SPDT **auxiliary switches** and one SPDT alarm switch
 - One **overcurrent trip switch** as standard (it operates when circuit breaker trips through trip unit operation only)
 - **Shunt trip** or
 - **Undervoltage release**
Voltages available: 120, 240, 277 and 480 Vac, 50/60 Hz, 24, 48, and 125 Vdc
 - **Motor operator**
Voltages available: 120, 240, 277, 480 Vac, 50/60 Hz, 24, 48, 125, Vdc
- External terminals are provided on the side of the circuit breaker for connections to internal accessories listed above (wire size 18 to 14 AWG).

External Accessories

- External neutral sensor
- Padlock adaptor
- KIRK® key lock

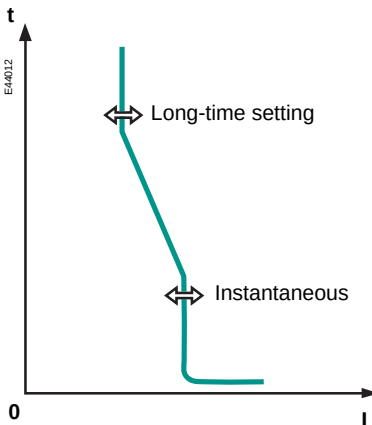
Square D Company
PO Box 3069, 3700 Sixth St SW Cedar Rapids, IA
52406-3069 USA

Technical Services: 1-800-634-2003

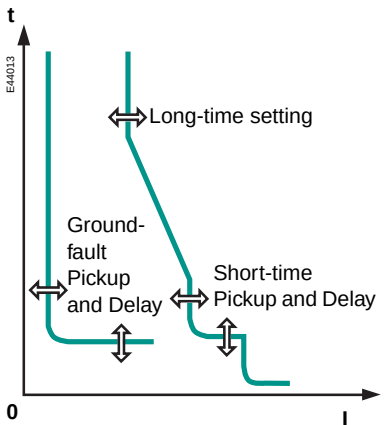
Trip Unit Type	ST 206D	ST 306S	ST 306ST / ST 316ST
Long-time			
Current setting	0.5 to 1 x current sensor	0.5 to 1 x current sensor	0.5 to 1 x current sensor
Short-time			
Pickup		2 to 8 x current sensor	2 to 8 x current sensor
Delay band		0, 0.1, 0.2 or 0.3	0, 0.1, 0.2 or 0.3
Instantaneous			
Pickup	3 to 6 x current sensor	Fixed at 35 000 A	Fixed at 35 000 A
Ground-fault			
Pickup			0.2 to 0.5 ① or 0.2 to 0.4 ② x current sensor
Delay band			0.1, 0.2, 0.3 or 0.4

① ST 306ST: for ratings 1250 A to 2000 A.
② ST 316ST: for ratings 2500 A.

ST 206D Trip Unit

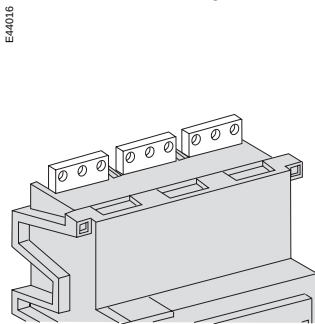


ST306S, ST 306ST and ST 316ST Trip Unit

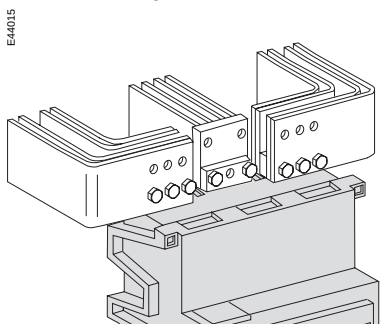


Terminals

■ 1250–1600 A Rating



■ 2500 A Rating



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