

SM6 Series Moulded Case Circuit Breaker

1. Application

SM6 Series Moulded Case Circuit Breaker is available in two frame sizes from 25 to 800 amps, loadline series of moulded case circuit breakers provide overload and short-circuit protection for the full range of transformer sizes encountered in normal service. The overload and instantaneous tripping elements, adjustable over all wide band, make these MCCBs ideal for many distribution application.

2. Specification

Type	SM6-100	SM6-160	SM6-250	SM6-400	SM6-630	SM6-800
Poles number	1,3	3	3	3	3	3
Rated current I_n (A)	25,32,40,50,60,80,100	125,160	160,200,250	300,400	500,630	700,800
Rated insulation voltage U_i (V)	AC500	AC660	AC660	AC660	AC660	AC660
Utilisation category	A	A	A	A	A	A
Rated ultimate short-circuit breaking capacity I_{cu} (kA) at 415V	25	65	65	65	65	65
Rated short-circuit service breaking capacity I_{cs} (%/cu) at 415V	75%	75%	75%	75%	75%	75%

Tripping Elements

Overload front adjustable 0.7-1.0 times rated current

Instantaneous: non-adjustable AA 25-63=400A

AA 80-250=10 I_n

Switch Disconnecter

Current rating I_n (A): 250 3pole

3. Outline and Installation Dimension



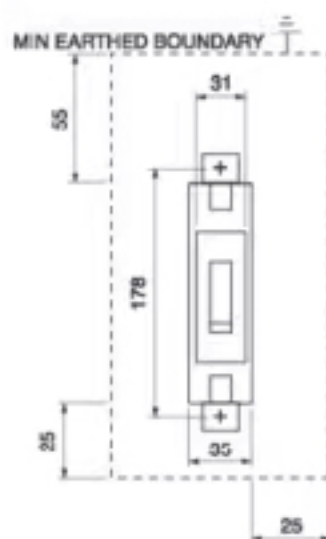
SM6-100/1P



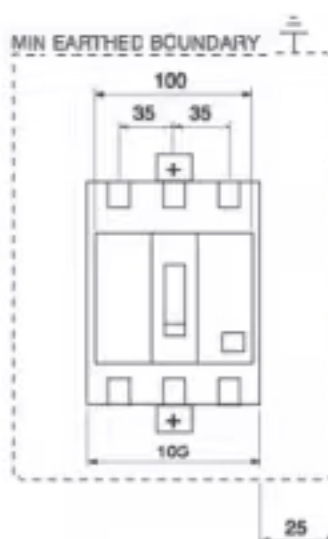
SM6-250/3P



SM6-400/3P



SM6-100/1P



SM6-250/3P

