

Molded Case Circuit Breakers

Reference Guide

Selection

Electronic Trip Breakers

				Solid State Trip Circuit Breakers								
				SMD6	SHMD6	SCMD6	SND6	SHND6	SCND6	SPD6 ^①	SHPD6 ^②	
Ratings	AC	Poles		3	3	3	3	3	3	3	3	
		Amperes, Continuous		600-800	600-800	600-800	800-1200	800-1200	800-1200	1200-1600	1200-1600	
		Volts 50/60HZ		3-Pole	600	600	600	600	600	600	600	
		Interrupt Rating Symmetrical RMS Amperes	UL	240V	65,000	100,000	200,000	65,000	100,000	200,000	65,000	100,000
				480V	50,000	65,000	100,000	50,000	65,000	100,000	50,000	65,000
				600V	25,000	50,000	65,000	25,000	50,000	65,000	25,000	50,000
		IEC60947-2 50/60HZ	380/415V	lcu	—	—	—	—	—	—	—	—
				lcs	—	—	—	—	—	—	—	—
			690V	lcu	—	—	—	—	—	—	—	—
				lcs	—	—	—	—	—	—	—	—
Dimensions in inches	Height		10.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00		
	Width		9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00		
	Depth		6.19	6.19	6.19	6.19	6.19	6.19	6.19	6.19		
Overcurrent Devices	Solid State Trip		✓	✓	✓	✓	✓	✓	✓	✓		
	Undervoltage Trip		✓	✓	✓	✓	✓	✓	✓	✓		
Accessories & Modifications	Shunt Trip		✓	✓	✓	✓	✓	✓	✓	✓		
	Auxiliary Switch		✓	✓	✓	✓	✓	✓	✓	✓		
	Alarm Switch		✓	✓	✓	✓	✓	✓	✓	✓		
	Mechanical Interlock		✓	✓	✓	✓	✓	✓	✓	✓		
	Rear Connection Studs		✓	✓	✓	✓	✓	✓	—	—		
	Electric Motor Operator		✓	✓	✓	✓	✓	✓	✓	✓		
	Plug-In Mounting Assembly		✓	✓	✓	✓	✓	✓	—	—		
	Fungus Proofing (ref. page 7-91)		✓	✓	✓	✓	✓	✓	✓	✓		
Individual Enclosures	Type 1 — Indoor Surface		✓	✓	✓	✓	✓	✓	✓	✓		
	Type 1 — Indoor, Flush		—	—	—	—	—	—	—	—		
	Type 3R — Outdoor-Rainproof		✓	✓	✓	✓	✓	✓	—	—		
	Type 7 — Flammable Gas Atmosphere		—	—	—	—	—	—	—	—		
	Type 9 — Combustion Dusttight		—	—	—	—	—	—	—	—		
	Type 5, 12 — Lint, Fine Dust, Oils, Coolants		✓	✓	✓	✓	✓	✓	—	—		
	Type 12K — Semi-Dusttight		✓	✓	✓	✓	✓	✓	—	—		

For inches / millimeters conversion, see Application Data section.

① Requires connect-all mounting block assembly. Dimensions shown are for circuit breaker.

② Breaker has rating plugs which can be changed within each frame rating.