

Information Sheet Molded Case Circuit Breakers Ex9 Series - M1 and M2, 1Pole and 2Pole



NOARK Electric's Molded Case Circuit Breakers A perfect blend of quality, performance and exceptional value

Broad Product Range

- 2 frame sizes: M1, M2
- Amperage ratings: 15~250 A

Rugged Performance

- 100 kA rms interrupting rating @ 480 Vac

Global Acceptance

- Certified to UL 489, CSA 22.2 and IEC 60947-2

Flexible Mounting

- Lug line/load side connection
- Rear connection

Field Installable Accessories

- Alarm and auxiliary contact
- Shunt and undervoltage trip



Molded Case Circuit Breaker

		M1				M2		
Rated Current (A)		15~150				100~250		
Number of Poles		1	2			1	2	
Breaker Type		N	S	N	H	N	S	N
Rated Voltage 50/60 Hz	Vac	480	600			480	600	
	Vdc	250	500			250	500	
Insulation Voltage (Vi)		800 Vac						
Impulse Withstand Voltage (Vimp)		8 kVac						
Operational Voltage (Ve)	IEC	690 Vac						
	UL	600 Vac						
IEC Ics (% Icu)		100%						
Utilization Category		A						
Mechanical Operating Cycles		10,000						
Electrical Operating Cycles		6,000						
Interrupting Capacity (kA rms)								
Circuit Breaker Ratings UL 489 CSA C22.2 (kA rms) Vac 50/60 Hz	240 Vac	50	50	100	150	50	50	100
	480 Vac	10	35	65	100	10	35	65
	600 Vac	-	14	20	25	-	14	20
	250 Vdc 1 Pole	25	-			25	-	
	500 Vdc 2 Poles	-	20	35	50	-	20	35
	600 Vdc 3 Poles	-						
Circuit Breaker Ratings IEC 60947-2	220 / 240 Vac	50	50	100	150	50	50	100
	380 / 415 Vac	-	5	8	10	-	6	10
	660 / 690 Vac	-	5	8	10	-	6	10
Ultimate Breaking Capacity (Icu = 100% Ics) (kA rms)	250 Vdc 1P	25	-			25	-	
	500 Vdc 2 Poles	-	20	35	50	-	20	35
	500 Vdc 3 Poles	-			-	-		
Current Rating (A) @ 104 °F (40 °C)		15~150				100~250		
Thermal-Magnetic Trip Units (Fixed)	A = Adjustable T = Thermal F = Fixed M = Magnetic	FT/FM	AT/AM			FT/FM	AT / AM	

Product Selection Guide

