

NOARK

Information Sheet

Molded Case Circuit Breakers Molded Case Switches

Ex9 Series - M



M2N200T3L



M1S50T3L



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

Broad Product Range

- 4 frame sizes: 100~600 AF
- Amperage ratings: 15~600 A

Rugged Performance

- 65 kA rms interrupting rating @ 480 Vac, 600 A

Global Acceptance

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

Flexible Mounting

- Lug line/load side connection
- Plug-in
- Rear connection
- Draw-out

Field Installable Accessories

- Alarm and auxiliary contact
- Shunt and undervoltage trip
- Interlock and rotary handle
- Motor operator



(626) 330-7007

na.noark-eletric.com

		Molded Case Circuit Breaker								Molded Case Switch				
		M1		M2		M3		M4		M1D	M2D	M3D	M4D	
Rated Current (A)		15~100		100~225		225~400		400~600		100	125~225	250~400	600	
Number of Poles		2, 3								2, 3				
Breaker Type		S	N	S	N	S	N	S	N	D				
Rated Voltage 50/60 Hz	Vac	600 Y / 347				600				600 Y / 347		600		
	Vdc	600								600				
Insulation Voltage (Vi)		800 V								800 V				
Impulse Withstand Voltage (Vimp)		8 kV								8 kV				
Operational Voltage (Ve)	IEC	690 V								690 V				
	UL	480~600Y/347 V				600 V				480~600Y/347 V		600 V		
IEC Ics (% Icu)		100%								100%				
Utilization Category		A								A				
Mechanical Operating Cycles		10,000								8,000				
Electrical Operating Cycles		6,000								5,000				
		Interrupting Capacity (kA rms)								Withstand Rating* (kA rms)				
Circuit Breaker Ratings UL 489 CSA C22.2 (kA rms) Vac 50/60 Hz	240 Vac	50	100	50	100	65	100	65	100	100				
	480 Vac	22	35	25	42	35	50	42	65	35	42	50	65	
	600Y/347 Vac	14	20	14	20	14	25	18	30	20		25	30	
	600 Vac	-								-				-
	250 Vdc 2 Poles 500 Vdc 3 Poles	25	50	-								50	-	
500 Vdc 2 Poles 600 Vdc 3 Poles	20	35	20	35	50	35	50	35		50				
Circuit Breaker Ratings IEC 60947-2	220 / 240 Vac	50	100	50	100	65	100	65	100	100				
	380 / 415 Vac													
Ultimate Breaking Capacity (Icu = 100% Ics) (kA rms)	660 / 690 Vac	5	8	6	10	15	12	15	8, 10, 15					
	500 Vdc 3 Poles	25	50	25	50	-				50		-		
Current Rating (A) @ 104 °F (40 °C)	500 Vdc 2 Poles	-				35	50	35	50	-		50		
		15~100	100~225	225~400	400~600	100	125~225	250~400	600					
Thermal-Magnetic Trip Units (Fixed)	A = Adjustable	AT / FM		AT / AM						-				
	T = Thermal F = Fixed M = Magnetic													

*NOTE:
The withstand rating is the fault, at rated voltage, that the molded case switch with withstand without damage when protected by a circuit breaker or fuse with and equal continuous current rating.

Product Selection Guide

