X Series Enclosed Molded Case Circuit Breakers

NOARK's X Series enclosed molded case breakers combine a UL Listed enclosure with M Series Molded Case Circuit Breakers and neutral terminals when required for 4-wire systems. They are designed for applications where a feeder or branch circuit breaker must be mounted independently and are suitable for Service Entrance applications as outlined in the National Electrical Code and Canadian Electrical Code.

Features

- Rated current up to 1200A*
- Voltage rating up to 600Vac
- NEMA Enclosure Types 1, 12 and 3R
- M Series molded case circuit breakers (M1–M4)
- Neutral terminals for 3P-4W and 2P-3W systems

Typical Applications

- Feeder circuit protection
- Service entrance applications
- Industrial distribution
- Independent breaker installations

QR code to Enclosed Breaker Catalog

QR code to Product Website

Standards and certifications

UL 489 Listed • CSA C22.2 No. 5 • IEC/EN 60947-2

- UL 489 Listed, File No. E355392
- CSA C22.2 No. 5, File No. E355392
- IEC/EN 60947-2

At-a-glance product range

Current	Up to 1200A*
Voltage	Up to 600Vac
Enclosures	NEMA Type 1, 12, 3R
Breakers	M Series M1–M4

*For enclosed breaker offerings above 600A and additional functions such as ground fault protection and arc flash mitigation, please contact your NOARK sales representative.

NOARK®

Enclosed Breakers

15–150A & 175–250A Product Selection

15-150A Products

Enclosure	SCCR	Current Rating (A)	3P-4W, 1 Hole NT	3P-3W
Type 1	M1S 35kA@480V	100	E01-1AM1S100T3L	E01-XNM1S100T3L
		150	E01-1AM1S150T3L	E01-XNM1S150T3L
	M1N 65kA@480V	100	E01-1AM1N100T3L	E01-XNM1N100T3L
		150	E01-1AM1N150T3L	E01-XNM1N150T3L
	M1H 100kA@480V	100	E01-1AM1H100T3L	E01-XNM1H100T3L
		150	E01-1AM1H150T3L	E01-XNM1H150T3L
Type 12	M1S 35kA@480V	100	E12-1AM1S100T3L	E12-XNM1S100T3L
		150	E12-1AM1S150T3L	E12-XNM1S150T3L
	M1N 65kA@480V	100	E12-1AM1N100T3L	E12-XNM1N100T3L
		150	E12-1AM1N150T3L	E12-XNM1N150T3L
	M1H 100kA@480V	100	E12-1AM1H100T3L	E12-XNM1H100T3L
		150	E12-1AM1H150T3L	E12-XNM1H150T3L
Type 3R	M1S 35kA@480V	100	E3R-1AM1S100T3L	E3R-XNM1S100T3L
		150	E3R-1AM1S150T3L	E3R-XNM1S150T3L
	M1N 65kA@480V	100	E3R-1AM1N100T3L	E3R-XNM1N100T3L
		150	E3R-1AM1N150T3L	E3R-XNM1N150T3L
	M1H 100kA@480V	100	E3R-1AM1H100T3L	E3R-XNM1H100T3L
		150	E3R-1AM1H150T3L	E3R-XNM1H150T3L

175-250A Products

Enclosure	SCCR	Current Rating (A)	3P-4W, 1 Hole NT	3P-3W
Type 1	M2S 35kA@480V	200	E01-2AM2S200T3L	E01-XNM2S200T3L
		250	E01-2AM2S250T3L	E01-XNM2S250T3L
	M2N 65kA@480V	200	E01-2AM2N200T3L	E01-XNM2N200T3L
		250	E01-2AM2N250T3L	E01-XNM2N250T3L
	M2H 100kA@480V	200	E01-2AM2H200T3L	E01-XNM2H200T3L
		250	E01-2AM2H250T3L	E01-XNM2H250T3L
Type 12	M2S 35kA@480V	200	E12-2AM2S200T3L	E12-XNM2S200T3L
		250	E12-2AM2S250T3L	E12-XNM2S250T3L
	M2N 65kA@480V	200	E12-2AM2N200T3L	E12-XNM2N200T3L
		250	E12-2AM2N250T3L	E12-XNM2N250T3L
	M2H 100kA@480V	200	E12-2AM2H200T3L	E12-XNM2H200T3L
		250	E12-2AM2H250T3L	E12-XNM2H250T3L
Type 3R	M2S 35kA@480V	200	E3R-2AM2S200T3L	E3R-XNM2S200T3L
		250	E3R-2AM2S250T3L	E3R-XNM2S250T3L
	M2N 65kA@480V	200	E3R-2AM2N200T3L	E3R-XNM2N200T3L
		250	E3R-2AM2N250T3L	E3R-XNM2N250T3L
	M2H 100kA@480V	200	E3R-2AM2H200T3L	E3R-XNM2H200T3L
		250	E3R-2AM2H250T3L	E3R-XNM2H250T3L

Note: For more assembled products not listed here, please consult the NOARK Enclosed Breaker catalog

Enclosed Breakers

300–400A & 400–600A Product Selection

300-400A Products

Enclosure	SCCR	Current Rating (A)	3P-4W, 1 Hole NT	3P-4W, 2 Hole NT	3P-3W
Type 1	M3S 42kA@480V	300	E01-3AM3S300T3L	E01-3BM3S300T3L	E01-XNM3S300T3L
		400	E01-3AM3S400T3L	E01-3BM3S400T3L	E01-XNM3S400T3L
	M3N 65kA@480V	300	E01-3AM3N300T3L	E01-3BM3N300T3L	E01-XNM3N300T3L
		400	E01-3AM3N400T3L	E01-3BM3N400T3L	E01-XNM3N400T3L
	M3H 100kA@480V	300	E01-3AM3H300T3L	E01-3BM3H300T3L	E01-XNM3H300T3L
		400	E01-3AM3H400T3L	E01-3BM3H400T3L	E01-XNM3H400T3L
Type 12	M3S 42kA@480V	300	E12-3AM3S300T3L	E12-3BM3S300T3L	E12-XNM3S300T3L
		400	E12-3AM3S400T3L	E12-3BM3S400T3L	E12-XNM3S400T3L
	M3N 65kA@480V	300	E12-3AM3N300T3L	E12-3BM3N300T3L	E12-XNM3N300T3L
		400	E12-3AM3N400T3L	E12-3BM3N400T3L	E12-XNM3N400T3L
	M3H 100kA@480V	300	E12-3AM3H300T3L	E12-3BM3H300T3L	E12-XNM3H300T3L
		400	E12-3AM3H400T3L	E12-3BM3H400T3L	E12-XNM3H400T3L
Type 3R	M3S 42kA@480V	300	E3R-3AM3S300T3L	E3R-3BM3S300T3L	E3R-XNM3S300T3L
		400	E3R-3AM3S400T3L	E3R-3BM3S400T3L	E3R-XNM3S400T3L
	M3N 65kA@480V	300	E3R-3AM3N300T3L	E3R-3BM3N300T3L	E3R-XNM3N300T3L
		400	E3R-3AM3N400T3L	E3R-3BM3N400T3L	E3R-XNM3N400T3L
	M3H 100kA@480V	300	E3R-3AM3H300T3L	E3R-3BM3H300T3L	E3R-XNM3H300T3L
		400	E3R-3AM3H400T3L	E3R-3BM3H400T3L	E3R-XNM3H400T3L

400-600A Products

Enclosure	SCCR	Current Rating (A)	3P-4W, 2 Hole NT	3P-3W
Type 1	M4S 42kA@480V	500	E01-4BM4S500T3L	E01-XNM4S500T3L
		600	E01-4BM4S600T3L	E01-XNM4S600T3L
	M4N 65kA@480V	500	E01-4BM4N500T3L	E01-XNM4N500T3L
		600	E01-4BM4N600T3L	E01-XNM4N600T3L
	M4H 100kA@480V	500	E01-4BM4H500T3L	E01-XNM4H500T3L
		600	E01-4BM4H600T3L	E01-XNM4H600T3L
Type 12	M4S 42kA@480V	500	E12-4BM4S500T3L	E12-XNM4S500T3L
		600	E12-4BM4S600T3L	E12-XNM4S600T3L
	M4N 65kA@480V	500	E12-4BM4N500T3L	E12-XNM4N500T3L
		600	E12-4BM4N600T3L	E12-XNM4N600T3L
	M4H 100kA@480V	500	E12-4BM4H500T3L	E12-XNM4H500T3L
		600	E12-4BM4H600T3L	E12-XNM4H600T3L
Type 3R	M4S 42kA@480V	500	E3R-4BM4S500T3L	E3R-XNM4S500T3L
		600	E3R-4BM4S600T3L	E3R-XNM4S600T3L
	M4N 65kA@480V	500	E3R-4BM4N500T3L	E3R-XNM4N500T3L
		600	E3R-4BM4N600T3L	E3R-XNM4N600T3L
	M4H 100kA@480V	500	E3R-4BM4H500T3L	E3R-XNM4H500T3L
		600	E3R-4BM4H600T3L	E3R-XNM4H600T3L

Enclosed Breakers

800–1200A Product Selection

800-1200A Products

Enclosure	SCCR	Current Rating (A)	3P, 4W (1200A Neutral)	3P, 4W + Ground Fault	3P, 3W (No Neutral)
Type 3R	M6S 42kA@480V	800	E3R-6DM6S800E3W4L	E3R-6DM6S800E3W4L-GF	E3R-XNM6S800E3W4L
			E3R-6DM6S800E3W4LF	E3R-6DM6S800E3W4LF-GF	E3R-XNM6S800E3W4LF
		1000	E3R-6DM6S1000E3W4L	E3R-6DM6S1000E3W4L-GF	E3R-XNM6S1000E3W4L
			E3R-6DM6S1000E3W4LF	E3R-6DM6S1000E3W4LF-GF	E3R-XNM6S1000E3W4LF
		1200	E3R-6DM6S1200E3W4L	E3R-6DM6S1200E3W4L-GF	E3R-XNM6S1200E3W4L
			E3R-6DM6S1200E3W4LF	E3R-6DM6S1200E3W4LF-GF	E3R-XNM6S1200E3W4LF
	M6N 65kA@480V	800	E3R-6DM6N800E3W4L	E3R-6DM6N800E3W4L-GF	E3R-XNM6N800E3W4L
			E3R-6DM6N800E3W4LF	E3R-6DM6N800E3W4LF-GF	E3R-XNM6N800E3W4LF
		1000	E3R-6DM6N1000E3W4L	E3R-6DM6N1000E3W4L-GF	E3R-XNM6N1000E3W4L
			E3R-6DM6N1000E3W4LF	E3R-6DM6N1000E3W4LF-GF	E3R-XNM6N1000E3W4LF
		1200	E3R-6DM6N1200E3W4L	E3R-6DM6N1200E3W4L-GF	E3R-XNM6N1200E3W4L
			E3R-6DM6N1200E3W4LF	E3R-6DM6N1200E3W4LF-GF	E3R-XNM6N1200E3W4LF