

Replacement Modules

EMA Replacement Modules



MA Replacement Module



Delta Replacement Module



HRG Replacement Module

System Voltage	Peak Surge Current Rating (kA)	Catalog Numbers		
		Phase A	Phase B	Phase C
120/240 V, 1-phase, 3-wire + ground	120	MA11MA12	—	MA11MA12
	160	MA11MA16	—	MA11MA16
	240	MA11MA24	—	MA11MA24
208Y/120 V, 3-phase, 4-wire + ground ¹ Wye	120	MA11MA12	MA11MA12	MA11MA12
	160	MA11MA16	MA11MA16	MA11MA16
	240	MA11MA24	MA11MA24	MA11MA24
120/240 V, 3-phase, 4-wire + ground ² High-Leg Delta	120	MA11MA12	MA31MA12	MA11MA12
	160	MA11MA16	MA31MA16	MA11MA16
	240	MA11MA24	MA31MA24	MA11MA24
240 V, 3-phase, 3-wire + ground Delta	100	MA61MA10	MA61MA10	MA61MA10
	120	MA61MA12	MA61MA12	MA61MA12
	160	MA61MA16	MA61MA16	MA61MA16
	200	MA61MA20	MA61MA20	MA61MA20
480Y/277 V, 3-phase, 4-wire + ground ³ Wye	240	MA61MA24	MA61MA24	MA61MA24
	120	MA41MA12	MA41MA12	MA41MA12
	160	MA41MA16	MA41MA16	MA41MA16
	240	MA41MA24	MA41MA24	MA41MA24
480Y/277 V, 3-phase, 3-wire + ground ³ High-Resistance Ground	100	MA41MA10H	MA41MA10H	MA41MA10H
	120	MA41MA12H	MA41MA12H	MA41MA12H
	160	MA41MA16H	MA41MA16H	MA41MA16H
	200	MA41MA20H	MA41MA20H	MA41MA20H
480 V, 3-phase, 3-wire + ground Delta	240	MA41MA24H	MA41MA24H	MA41MA24H
	100	MA51MA10	MA51MA10	MA51MA10
	120	MA51MA12	MA51MA12	MA51MA12
	160	MA51MA16	MA51MA16	MA51MA16
600Y/347 V, 3-phase, 4-wire + ground Wye	200	MA51MA20	MA51MA20	MA51MA20
	240	MA51MA24	MA51MA24	MA51MA24
	120	MA81MA12	MA81MA12	MA81MA12
	160	MA81MA16	MA81MA16	MA81MA16
600Y/347 V, 3-phase, 3-wire + ground High-Resistance Ground	240	MA81MA24	MA81MA24	MA81MA24
	100	MA81MA10H	MA81MA10H	MA81MA10H
	120	MA81MA12H	MA81MA12H	MA81MA12H
	160	MA81MA16H	MA81MA16H	MA81MA16H
600 V, 3-phase, 3-wire + ground Delta	180	MA81MA18H	MA81MA18H	MA81MA18H
	120	MA91MA12	MA91MA12	MA91MA12
	160	MA91MA16	MA91MA16	MA91MA16
	180	MA91MA18	MA91MA18	MA91MA18

¹ 208Y/120 series also applies to the following voltage 220Y/127
² High-Leg Delta (Phase B modules are different than Phase A and Phase C modules)
³ 480Y/277 series applies to the following voltages 380Y/220, 400Y/230, and 415Y/240

L-L Enhanced MA (L-N, L-G) Replacement Modules



MA Replacement Module

System Voltage	Peak Surge Current Rating (kA)	Catalog Numbers		
		Phase A	Phase B	Phase C
208Y/120 V, 3-phase, 4-wire + ground ¹ Wye	120	MA11MA12	MA11MA12	MA11MA12
	180	MA11MA16	MA11MA16	MA11MA16
	270	MA11MA16	MA11MA16	MA11MA16
	360	MA11MA24	MA11MA24	MA11MA24
480Y/277 V, 3-phase, 4-wire + ground ² Wye	120	MA41MA12	MA41MA12	MA41MA12
	180	MA41MA16	MA41MA16	MA41MA16
	270	MA41MA26	MA41MA26	MA41MA26
	360	MA41MA24	MA41MA24	MA41MA24

¹ 208Y/120 series also applies to the following voltage 220Y/127.
² 480Y/277 series applies to the following voltages 380Y/220, 400Y/230, and 415Y/240.