



MXL/MEL Circuit Breaker

**Table 11.59: M-Frame—Micrologic® Trip System, 3P, 600 Vac**

Ampere Rating	Trip Function	Individually-Mounted Circuit Breakers				I-Line Circuit Breakers				Installed Rating Plug	Terminal Wire Range
		Standard Function		100% Rated, Full Function▲		Standard Function		100% Rated, Full Function▲			
		Cat. No.	\$ Price	Cat. No.	\$ Price	Cat. No.	\$ Price	Cat. No.	\$ Price		
<b>250 A Sensor Size</b>											
100 A	LI	—	—	MEL36100LI	10737.00	—	—	ME36100LI	11271.00	ARP040	
	LSI	MXL36100	7466.00	MEL36100LS	16080.00	MX36100	7838.00	ME36100LS	16614.00		
	LIG	—	—	MEL36100LIG	16080.00	—	—	ME36100LIG	16614.00		
	LSIG	MXL36100G	9542.00	MEL36100LSG	21423.00	MX36100G	9914.00	ME36100LSG	21957.00		
125 A	LI	—	—	MEL36125LI	10737.00	—	—	ME36125LI	11271.00	ARP050	
	LSI	MXL36125	7466.00	MEL36125LS	16080.00	MX36125	7838.00	ME36125LS	16614.00		
	LIG	—	—	MEL36125LIG	16080.00	—	—	ME36125LIG	16614.00		
	LSIG	MXL36125G	9542.00	MEL36125LSG	21423.00	MX36125G	9914.00	ME36125LSG	21957.00		
150 A	LI	—	—	MEL36150LI	10737.00	—	—	ME36150LI	11271.00	ARP060	
	LSI	MXL36150	7466.00	MEL36150LS	16080.00	MX36150	7838.00	ME36150LS	16614.00		
	LIG	—	—	MEL36150LIG	16080.00	—	—	ME36150LIG	16614.00		
	LSIG	MXL36150G	9542.00	MEL36150LSG	21423.00	MX36150G	9914.00	ME36150LSG	21957.00		
175 A	LI	—	—	MEL36175LI	10737.00	—	—	ME36175LI	11271.00	ARP070	AL250ME (1) 6 AWG–350 kcmil
	LSI	MXL36175	7466.00	MEL36175LS	16080.00	MX36175	7838.00	ME36175LS	16614.00		
	LIG	—	—	MEL36175LIG	16080.00	—	—	ME36175LIG	16614.00		
	LSIG	MXL36175G	9542.00	MEL36175LSG	21423.00	MX36175G	9914.00	ME36175LSG	21957.00		
200 A	LI	—	—	MEL36200LI	10737.00	—	—	ME36200LI	11271.00	ARP080	
	LSI	MXL36200	7466.00	MEL36200LS	16080.00	MX36200	7838.00	ME36200LS	16614.00		
	LIG	—	—	MEL36200LIG	16080.00	—	—	ME36200LIG	16614.00		
	LSIG	MXL36200G	9542.00	MEL36200LSG	21423.00	MX36200G	9914.00	ME36200LSG	21957.00		
225 A	LI	—	—	MEL36225LI	10737.00	—	—	ME36225LI	11271.00	ARP090	
	LSI	MXL36225	7466.00	MEL36225LS	16080.00	MX36225	7838.00	ME36225LS	16614.00		
	LIG	—	—	MEL36225LIG	16080.00	—	—	ME36225LIG	16614.00		
	LSIG	MXL36225G	9542.00	MEL36225LSG	21423.00	MX36225G	9914.00	ME36225LSG	21957.00		
250 A	LI	—	—	MEL36250LI	10737.00	—	—	ME36250LI	11271.00	ARP100	
	LSI	MXL36250	7466.00	MEL36250LS	16080.00	MX36250	7838.00	ME36250LS	16614.00		
	LIG	—	—	MEL36250LIG	16080.00	—	—	ME36250LIG	16614.00		
	LSIG	MXL36250G	9542.00	MEL36250LSG	21423.00	MX36250G	9914.00	ME36250LSG	21957.00		
<b>400 A Sensor Size</b>											
300 A	LI	—	—	MEL36300LI	12282.00	—	—	ME36300LI	12893.00	ARP075	
	LSI	MXL36300	9861.00	MEL36300LS	17625.00	MX36300	10460.00	ME36300LS	18236.00		
	LIG	—	—	MEL36300LIG	17625.00	—	—	ME36300LIG	18236.00		
	LSIG	MXL36300G	11937.00	MEL36300LSG	22968.00	MX36300G	12536.00	ME36300LSG	23579.00		
350 A	LI	—	—	MEL36350LI	12282.00	—	—	ME36350LI	12893.00	ARP088	AL900MA (3) 3/0 AWG–500 kcmil
	LSI	MXL36350	9861.00	MEL36350LS	17625.00	MX36350	10460.00	ME36350LS	18236.00		
	LIG	—	—	MEL36350LIG	17625.00	—	—	ME36350LIG	18236.00		
	LSIG	MXL36350G	11937.00	MEL36350LSG	22968.00	MX36350G	12536.00	ME36350LSG	23579.00		
400 A	LI	—	—	MEL36400LI	12282.00	—	—	ME36400LI	12893.00	ARP100	
	LSI	MXL36400	9861.00	MEL36400LS	17625.00	MX36400	10460.00	ME36400LS	18236.00		
	LIG	—	—	MEL36400LIG	17625.00	—	—	ME36400LIG	18236.00		
	LSIG	MXL36400G	11937.00	MEL36400LSG	22968.00	MX36400G	12536.00	ME36400LSG	23579.00		
<b>800 A Sensor Size</b>											
450 A	LI	—	—	MEL36450LI	17925.00	—	—	ME36450LI	18825.00	ARP056	
	LSI	MXL36450	13721.00	MEL36450LS	23268.00	MX36450	14514.00	ME36450LS	24168.00		
	LIG	—	—	MEL36450LIG	23268.00	—	—	ME36450LIG	24168.00		
	LSIG	MXL36450G	15795.00	MEL36450LSG	28611.00	MX36450G	16590.00	ME36450LSG	29511.00		
500 A	LI	—	—	MEL36500LI	17925.00	—	—	ME36500LI	18825.00	ARP063	
	LSI	MXL36500	13721.00	MEL36500LS	23268.00	MX36500	14514.00	ME36500LS	24168.00		
	LIG	—	—	MEL36500LIG	23268.00	—	—	ME36500LIG	24168.00		
	LSIG	MXL36500G	15795.00	MEL36500LSG	28611.00	MX36500G	16590.00	ME36500LSG	29511.00		
600 A	LI	—	—	MEL36600LI	17925.00	—	—	ME36600LI	18825.00	ARP075	AL900MA (3) 3/0 AWG–500 kcmil
	LSI	MXL36600	13721.00	MEL36600LS	23268.00	MX36600	14514.00	ME36600LS	24168.00		
	LIG	—	—	MEL36600LIG	23268.00	—	—	ME36600LIG	24168.00		
	LSIG	MXL36600G	15795.00	MEL36600LSG	28611.00	MX36600G	16590.00	ME36600LSG	29511.00		
700 A	LI	—	—	MEL36700LI	17925.00	—	—	ME36700LI	18825.00	ARP088	
	LSI	MXL36700	13721.00	MEL36700LS	23268.00	MX36700	14514.00	ME36700LS	24168.00		
	LIG	—	—	MEL36700LIG	23268.00	—	—	ME36700LIG	24168.00		
	LSIG	MXL36700G	15795.00	MEL36700LSG	28611.00	MX36700G	16590.00	ME36700LSG	29511.00		
800 A	LI	—	—	MEL36800LI	17925.00	—	—	ME36800LI	18825.00	ARP100	
	LSI	MXL36800	13721.00	MEL36800LS	23268.00	MX36800	14514.00	ME36800LS	24168.00		
	LIG	—	—	MEL36800LIG	23268.00	—	—	ME36800LIG	24168.00		
	LSIG	MXL36800G	15795.00	MEL36800LSG	28611.00	MX36800G	16590.00	ME36800LSG	29511.00		

▲ Substitute (A) in place of (G) for ground-fault alarm (pick up indication only.) No instantaneous OFF position for LI or LIG circuit breakers

**Table 11.60: Interrupting Ratings**

Voltage	MX, MXL	ME, MEL
240 V	65 kA	65 kA
480 V	65 kA	65 kA
600 V	25 kA	25 kA

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Optional Lugs ..... Page 11-25  
Dimensions ..... Page 11-4  
Enclosures: see Digest Section 7