

Table 9.133: L-frame 600 A Circuit Breakers with Lugs and Factory-Sealed Electronic Trip Units Suitable for Reverse Connection

Electronic Trip Unit			Sensor Rating	Catalog Number	Interrupting Rating (2nd Letter of Catalog Number)								Terminal		
Type	Function	Trip Unit			D		G		J		L			R	
					80%	100%	80%	100%	80%	100%	80%	100%		80%	100%
600 Vac, 53/60 Hz, 3P															
Micrologic Standard	LI	3.3★	250 A	L ()A36250U31X	5122.	5943.	5376.	6240.	8773.	10214.	10213.	11899.	11745.	13745.	AL400L61K3▼
			400 A	L ()A36400U31X	5122.	5943.	5376.	6240.	8773.	10214.	10213.	11899.	11745.	13745.	AL600LF52K3△
			600 A	L ()A36600U31X	7404.	—	7779.	—	10836.	—	—	—	—	—	—
Micrologic Standard	LSI	3.3S★	250 A	L ()A36250U33X	5686.	6506.	5969.	6833.	9366.	10808.	10806.	12493.	12427.	14449.	AL400L61K3▼
			400 A	L ()A36400U33X	5686.	6506.	5969.	6833.	9366.	10808.	10806.	12493.	12427.	14449.	—
Micrologic Ammeter	LSI	5.3A	400 A	L ()A36400U43X	6548.	7368.	6877.	7740.	10274.	11715.	11714.	13400.	13471.	15523.	AL600LF52K3△
			600 A	L ()A36600U43X	8830.	—	9279.	—	12336.	—	—	—	—	—	
Micrologic Energy	LSI	5.3E	400 A	L ()A36400U53X	7495.	8316.	7874.	8738.	11271.	12713.	12711.	14398.	14618.	16705.	
			600 A	L ()A36600U53X	9778.	—	10277.	—	13334.	—	—	—	—	—	
Micrologic Ammeter	LSIG	6.3A	400 A	L ()A36400U44X	8444.	9264.	8873.	9736.	12270.	13711.	13710.	15396.	15767.	17887.	
			600 A	L ()A36600U44X	10726.	—	11275.	—	14332.	—	—	—	—	—	
Micrologic Energy	LSIG	6.3E	400 A	L ()A36400U54X	9392.	10212.	9870.	10734.	13267.	14709.	14707.	16394.	16913.	19069.	
			600 A	L ()A36600U54X	11674.	—	12273.	—	15329.	—	—	—	—	—	—

- ▲ See Supplemental Digest page 3-4 for circuit breakers with field-interchangeable trip units.
- For 100% rated circuit breakers (250 A and 400 A only), add a "C" in the 9th character place (for example, LRA36400CU31X).
- ◆ Circuit breakers with J, L, and R interrupting ratings are UL certified as current limiting.
- ★ 3P circuit breakers with this trip unit can be used for 2P applications.
- ▼ AL400L61K3 terminal wire ranges are (1) 2 AWG–600 kcmil Cu or (1) 2 AWG–500 kcmil Al.
- △ AL600LF52K3 terminal wire range is (2) 3/0–500 kcmil.
- For applications requiring communications, see Digest page 7-43.

Interrupt Ratings (kA)

	G	J	L	◆
240 V	65	100	125	
480 V	35	65	100	
600 V ☆	18	25	25	

- ◆ Interrupting rating is not available in M-frame.
- ☆ 600 V interrupt ratings not available for D-frame.

Table 9.134: PowerPact M-frame: with ET1.0 Factory – sealed trip unit (not field adjustable)—800 A

Ampere Rating	Adjustable Instantaneous Trip Range		G Interrupting		J Interrupting		Terminal Wire Range
	Low	High	Catalog Number *	\$ Price	Catalog Number *	\$ Price	
2-pole, 600 Vac, 50/60 Hz	300 A	600	3000	MGA26300 ()	6633.	MJA26300 ()	8253.
	350 A	700	3500	MGA26350 ()		MJA26350 ()	
	400 A	800	4000	MGA26400 ()		MJA26400 ()	
	450 A	900	4500	MGA26450 ()		MJA26450 ()	
	500 A	1000	5000	MGA26500 ()		MJA26500 ()	
	600 A	1200	6000	MGA26600 ()		MJA26600 ()	
	700 A	1400	7000	MGA26700 ()	MJA26700 ()	10104.	
	800 A	1600	8000	MGA26800 ()	MJA26800 ()		
3-pole, 600 Vac, 50/60 Hz	300 A	600	3000	MGA36300	8168.	MJA36300	9929.
	350 A	700	3500	MGA36350		MJA36350	
	400 A	800	4000	MGA36400		MJA36400	
	450 A	900	4500	MGA36450		MJA36450	
	500 A	1000	5000	MGA36500		MJA36500	
	600 A	1200	6000	MGA36600		MJA36600	
	700 A	1400	7000	MGA36700	MJA36700	10608.	
	800 A	1600	8000	MGA36800	MJA36800		12630.

- ▼ The ET 1.0 trip unit cannot be field replaced, nor does it allow adjustment of the long-time trip point setting. It is considered an electronic equivalent of a thermal-magnet circuit breaker.
- UL magnetic trip setting tolerances are ±10% from the nominal values shown.
- * Fill in parentheses with the following phase connection options: (2) for AC and (5) for CA.

L-frame accessories starting on Supplemental Digest page 3-24
 L-frame dimensions starting on Digest page 7-54
 L-frame optional lugs Digest page 7-53

M-frame accessories starting on Digest page 7-36
 M-frame dimensions Digest page 7-55
 M-frame optional lugs Digest page 7-39

Table 9.135: Automatic Molded Case Switches—600 Vac, 50/60 Hz

Ampere Rating	2-pole		3-pole		Withstand Rating ◆			Trip Point Amperes	Terminal Wire Range
	Catalog Number	\$ Price	Catalog Number	\$ Price	240 Vac	480 Vac	600 Vac	AC	
600 A	PJA26000S60 ()	6675.	PJA36000S60	7263.	100	65	25	10000	3–3/0 through 500 kcmil Al or Cu
800 A	PJA26000S80 ()	7347.	PJA36000S80	7938.	100	65	25	10000	
1000 A	PJA26000S10 ()	8088.	PJA36000S10	8676.	100	65	25	10000	4–3/0 through 500 kcmil Al or Cu
1200 A	PJA26000S12 ()	10895.	PJA36000S12	11766.	100	65	25	10000	

- ◆ The withstand rating is the fault current, at rated voltage, that the molded case switch will withstand without damage when protected by a circuit breaker with an equal ampere rating.
- Fill in parentheses with the following phase connection options: (2) for AC or (5) for CA.

Table 9.136: PowerPact P- and R-frame Interrupt Ratings

Voltage	P-frame Interrupt Rating				R-frame Interrupt Rating			
	G	J	K	L	G	J	K	L
240 Vac	65 kA	100 kA	65 kA	125 kA	65 kA	100 kA	65 kA	125 kA
480 Vac	35 kA	65 kA	50 kA	100 kA	35 kA	65 kA	65 kA	100 kA
600 Vac	18 kA	25 kA	50 kA	25 kA	18 kA	25 kA	65 kA	50 kA

P- and R-frame accessories starting on Digest page 7-36
 P- and R-frame optional lugs Digest page 7-39
 P- and R-frame dimensions Digest page 7-55