

**PowerPact L-Frame Molded Case Circuit Breakers**

**Table 7.65: L-Frame 600 A Standard (80% Rated) UL Current-Limiting [25] Circuit Breakers with Lugs and Factory-Sealed Electronic Trip Units Suitable for Reverse Connection [26][27]**

Electronic Trip Unit			Sensor Rating	Interrupting Rating (80% Rated)					Terminal
Type	Function	Trip Unit		D	G	J [25]	L [25]	R [25]	
600 Vac, 50/60 Hz, 3P									
Micrologic Standard	LI	3.3 [28]	250 A	LDL36250U31X	LGL36250U31X	LJL36250U31X	LLL36250U31X	LRL36250U31X	AL400L61K3 [29]
			400 A	LDL36400U31X	LGL36400U31X	LJL36400U31X	LLL36400U31X	LRL36400U31X	AL600LS52K3 [30]
			600 A	LDL36600U31X	LGL36600U31X	LJL36600U31X	LLL36600U31X	LRL36600U31X	AL400L61K3 [29]
Micrologic Standard	LSI	3.3S [28] [31]	250 A	LDL36250U33X	LGL36250U33X	LJL36250U33X	LLL36250U33X	LRL36250U33X	AL400L61K3 [29]
			400 A	LDL36400U33X	LGL36400U33X	LJL36400U33X	LLL36400U33X	LRL36400U33X	AL600LS52K3 [30]
			600 A	LDL36600U33X	LGL36600U33X	LJL36600U33X	LLL36600U33X	LRL36600U33X	AL600LS52K3 [30]
Micrologic Ammeter	LSI	5.3A	400 A	LDL36400U43X	LGL36400U43X	LJL36400U43X	LLL36400U43X	LRL36400U43X	AL600LS52K3 [30]
			600 A	LDL36600U43X	LGL36600U43X	LJL36600U43X	LLL36600U43X	LRL36600U43X	
Micrologic Energy	LSI	5.3E	400 A	LDL36400U53X	LGL36400U53X	LJL36400U53X	LLL36400U53X	LRL36400U53X	AL600LS52K3 [30]
			600 A	LDL36600U53X	LGL36600U53X	LJL36600U53X	LLL36600U53X	LRL36600U53X	
Micrologic Ammeter	LSIG	6.3A	400 A	LDL36400U44X	LGL36400U44X	LJL36400U44X	LLL36400U44X	LRL36400U44X	AL600LS52K3 [30]
			600 A	LDL36600U44X	LGL36600U44X	LJL36600U44X	LLL36600U44X	LRL36600U44X	
Micrologic Energy	LSIG	6.3E [32]	400 A	LDL36400U54X	LGL36400U54X	LJL36400U54X	LLL36400U54X	LRL36400U54X	AL600LS52K3 [30]
			600 A	LDL36600U54X	LGL36600U54X	LJL36600U54X	LLL36600U54X	LRL36600U54X	
600 Vac, 50/60 Hz, 4P									
Micrologic Standard	LI	3.3	250 A	LDL46250U31X	LGL46250U31X	LJL46250U31X	LLL46250U31X	LRL46250U31X	AL400L61K4 [29]
			400 A	LDL46400U31X	LGL46400U31X	LJL46400U31X	LLL46400U31X	LRL46400U31X	AL600LS52K4 [30]
			600 A	LDL46600U31X	LGL46600U31X	LJL46600U31X	LLL46600U31X	LRL46600U31X	AL400L61K4 [29]
Micrologic Standard	LSI	3.3S [31]	250 A	LDL46250U33X	LGL46250U33X	LJL46250U33X	LLL46250U33X	LRL46250U33X	AL400L61K4 [29]
			400 A	LDL46400U33X	LGL46400U33X	LJL46400U33X	LLL46400U33X	LRL46400U33X	AL600LS52K4 [30]
			600 A	LDL46600U33X	LGL46600U33X	LJL46600U33X	LLL46600U33X	LRL46600U33X	AL600LS52K4 [30]
Micrologic Ammeter	LSI	5.3A	400 A	LDL46400U43X	LGL46400U43X	LJL46400U43X	LLL46400U43X	LRL46400U43X	AL600LS52K4 [30]
			600 A	LDL46600U43X	LGL46600U43X	LJL46600U43X	LLL46600U43X	LRL46600U43X	
Micrologic Energy	LSI	5.3E	400 A	LDL46400U53X	LGL46400U53X	LJL46400U53X	LLL46400U53X	LRL46400U53X	AL600LS52K4 [30]
			600 A	LDL46600U53X	LGL46600U53X	LJL46600U53X	LLL46600U53X	LRL46600U53X	
Micrologic Ammeter	LSIG	6.3A	400 A	LDL46400U44X	LGL46400U44X	LJL46400U44X	LLL46400U44X	LRL46400U44X	AL600LS52K4 [30]
			600 A	LDL46600U44X	LGL46600U44X	LJL46600U44X	LLL46600U44X	LRL46600U44X	
Micrologic Energy	LSIG	6.3E	400 A	LDL46400U54X	LGL46400U54X	LJL46400U54X	LLL46400U54X	LRL46400U54X	AL600LS52K4 [30]
			600 A	LDL46600U54X	LGL46600U54X	LJL46600U54X	LLL46600U54X	LRL46600U54X	

**Table 7.66: L-Frame 600 A 100% Rated UL Current-Limiting [25] Circuit Breakers with Lugs and Factory-Sealed Electronic Trip Units Suitable for Reverse Connection [26][27]**

Electronic Trip Unit			Sensor Rating	Interrupting Rating (100% Rated)					Terminal
Type	Function	Trip Unit		D	G	J [25]	L [25]	R [25]	
600 Vac, 50/60 Hz, 3P									
Micrologic Standard	LI	3.3 [28]	250 A	LDL36250CU31X	LGL36250CU31X	LJL36250CU31X	LLL36250CU31X	LRL36250CU31X	AL400L61K3 [29]
			400 A	LDL36400CU31X	LGL36400CU31X	LJL36400CU31X	LLL36400CU31X	LRL36400CU31X	AL600LS52K3 [30]
			600 A	LDL36600CU31X	LGL36600CU31X	LJL36600CU31X	LLL36600CU31X	LRL36600CU31X	AL400L61K3 [29]
Micrologic Standard	LSI	3.3S [28] [31]	250 A	LDL36250CU33X	LGL36250CU33X	LJL36250CU33X	LLL36250CU33X	LRL36250CU33X	AL400L61K3 [29]
			400 A	LDL36400CU33X	LGL36400CU33X	LJL36400CU33X	LLL36400CU33X	LRL36400CU33X	AL600LS52K3 [30]
			600 A	LDL36600CU33X	LGL36600CU33X	LJL36600CU33X	LLL36600CU33X	LRL36600CU33X	AL600LS52K3 [30]
Micrologic Ammeter	LSI	5.3A	400 A	LDL36400CU43X	LGL36400CU43X	LJL36400CU43X	LLL36400CU43X	LRL36400CU43X	AL600LS52K3 [30]
Micrologic Energy	LSI	5.3E	400 A	LDL36400CU53X	LGL36400CU53X	LJL36400CU53X	LLL36400CU53X	LRL36400CU53X	
Micrologic Ammeter	LSIG	6.3A	400 A	LDL36400CU44X	LGL36400CU44X	LJL36400CU44X	LLL36400CU44X	LRL36400CU44X	AL600LS52K3 [30]
Micrologic Energy	LSIG	6.3E [32]	400 A	LDL36400CU54X	LGL36400CU54X	LJL36400CU54X	LLL36400CU54X	LRL36400CU54X	
600 Vac, 50/60 Hz, 4P									
Micrologic Standard	LI	3.3	250 A	LDL46250CU31X	LGL46250CU31X	LJL46250CU31X	LLL46250CU31X	LRL46250CU31X	AL400L61K4 [29]
			400 A	LDL46400CU31X	LGL46400CU31X	LJL46400CU31X	LLL46400CU31X	LRL46400CU31X	AL600LS52K4 [30]
			600 A	LDL46600CU31X	LGL46600CU31X	LJL46600CU31X	LLL46600CU31X	LRL46600CU31X	AL400L61K4 [29]
Micrologic Standard	LSI	3.3S	250 A	LDL46250CU33X	LGL46250CU33X	LJL46250CU33X	LLL46250CU33X	LRL46250CU33X	AL400L61K4 [29]
			400 A	LDL46400CU33X	LGL46400CU33X	LJL46400CU33X	LLL46400CU33X	LRL46400CU33X	AL600LS52K4 [30]
			600 A	LDL46600CU33X	LGL46600CU33X	LJL46600CU33X	LLL46600CU33X	LRL46600CU33X	AL600LS52K4 [30]
Micrologic Ammeter	LSI	5.3A	400 A	LDL46400CU43X	LGL46400CU43X	LJL46400CU43X	LLL46400CU43X	LRL46400CU43X	AL600LS52K4 [30]
Micrologic Energy	LSI	5.3E	400 A	LDL46400CU53X	LGL46400CU53X	LJL46400CU53X	LLL46400CU53X	LRL46400CU53X	
Micrologic Ammeter	LSIG	6.3A	400 A	LDL46400CU44X	LGL46400CU44X	LJL46400CU44X	LLL46400CU44X	LRL46400CU44X	AL600LS52K4 [30]
Micrologic Energy	LSIG	6.3E	400 A	LDL46400CU54X	LGL46400CU54X	LJL46400CU54X	LLL46400CU54X	LRL46400CU54X	

**Table 7.67: Termination Options**

Termination Letter	Termination Option	
A	I-Line (See Section 9)	For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number. Termination Letter L G L 3 6 6 0 0 U 4 4 X
F	No lugs	
L	Lugs both ends	
M	Lugs ON end, terminal nut kit OFF end	
P	Lugs OFF end, terminal nut kit ON end	
N	Plug In	
D	Drawout	
S	Rear Connected	



[25] Circuit breakers with J, L, and R interrupting ratings are UL certified as current limiting.  
 [26] See Supplemental Digest Section 3 for circuit breakers with field interchangeable trip units.  
 [27] For applications requiring communications see page 7-67.  
 [28] 3P circuit breakers with this trip unit can be used for 2P applications.  
 [29] AL400L61K3 terminal wire ranges are (1) 2 AWG–600 kcmil Cu or (1) 2 AWG–500 kcmil Al.  
 [30] AL600LS52K3 terminal wire range is (2) 2/0 AWG–500 kcmil Al/Cu.  
 [31] Fixed ST and LT delays.  
 [32] 3P circuit breakers with this trip unit can be used for 2P applications in order to have ground fault protection. Additional metering capabilities will not work properly on the unconnected phase.