

H-Frame 150 A and J-Frame 250 A Electronic Trip CSA/UL Current-Limiting▲ Circuit Breakers (600 Vac) With Factory Sealed Trip Unit■ Suitable for Reverse Connection □

Electronic Trip Unit			Sensor Rating	Interrupting Rating (2nd Letter of Catalog Number)					Terminal
Type	Function	Trip Unit		D	G	J▲	L▲	R▲	
				Catalogue Number▼	Catalogue Number▼	Catalogue Number▼	Catalogue Number▼	Catalogue Number▼	
600 Vac, 50/60 Hz, 3P									
Micrologic Standard	LI	3.2Δ	60 A	HDL36060U31X	HGL36060U31X	HJL36060U31X	HLL36060U31X	HRL36060U31X	AL150HD★
			100 A	HDL36100U31X	HGL36100U31X	HJL36100U31X	HLL36100U31X	HRL36100U31X	
Micrologic Standard	LSI	3.2SΔ	150 A	HDL36150U31X	HGL36150U31X	HJL36150U31X	HLL36150U31X	HRL36150U31X	AL150HD★
			250 A	JDL36250U31X	JGL36250U31X	JJL36250U31X	JLL36250U31X	JRL36250U31X	
Micrologic Standard	LSI	5.2A	60 A	HDL36060U33X	HGL36060U33X	HJL36060U33X	HLL36060U33X	HRL36060U33X	AL150HD★
			100 A	HDL36100U33X	HGL36100U33X	HJL36100U33X	HLL36100U33X	HRL36100U33X	
Micrologic Standard	LSI	5.2A	150 A	HDL36150U33X	HGL36150U33X	HJL36150U33X	HLL36150U33X	HRL36150U33X	AL150HD★
			250 A	JDL36250U33X	JGL36250U33X	JJL36250U33X	JLL36250U33X	JRL36250U33X	
Micrologic Ammeter	LSI	5.2A	60 A	HDL36060U43X	HGL36060U43X	HJL36060U43X	HLL36060U43X	HRL36060U43X	AL150HD★
			100 A	HDL36100U43X	HGL36100U43X	HJL36100U43X	HLL36100U43X	HRL36100U43X	
Micrologic Ammeter	LSI	5.2E	150 A	HDL36150U43X	HGL36150U43X	HJL36150U43X	HLL36150U43X	HRL36150U43X	AL150HD★
			250 A	JDL36250U43X	JGL36250U43X	JJL36250U43X	JLL36250U43X	JRL36250U43X	
Micrologic Energy	LSIG	6.2A	60 A	HDL36060U44X	HGL36060U44X	HJL36060U44X	HLL36060U44X	HRL36060U44X	AL150HD★
			100 A	HDL36100U44X	HGL36100U44X	HJL36100U44X	HLL36100U44X	HRL36100U44X	
Micrologic Energy	LSIG	6.2E	150 A	HDL36150U44X	HGL36150U44X	HJL36150U44X	HLL36150U44X	HRL36150U44X	AL150HD★
			250 A	JDL36250U44X	JGL36250U44X	JJL36250U44X	JLL36250U44X	JRL36250U44X	
Micrologic Energy	LSIG	6.2E	60 A	HDL36060U54X	HGL36060U54X	HJL36060U54X	HLL36060U54X	HRL36060U54X	AL150HD★
			100 A	HDL36100U54X	HGL36100U54X	HJL36100U54X	HLL36100U54X	HRL36100U54X	
Micrologic Energy	LSIG	6.2E	150 A	HDL36150U54X	HGL36150U54X	HJL36150U54X	HLL36150U54X	HRL36150U54X	AL150HD★
			250 A	JDL36250U54X	JGL36250U54X	JJL36250U54X	JLL36250U54X	JRL36250U54X	

- ▲ Circuit breakers with J, L, and R interrupting ratings are CSA/UL certified as current limiting.
- Refer to catalogue 0611CT1001 for circuit breakers with field-interchangeable trip units
- ◆ For 100% rated circuit breakers, add a "C" in the 9th character place (for example, HGL36150CU31X, JGL36250CU43X) 100% rated H- and J-frame circuit breakers have copper lugs and can only be used with copper wire.
- ★ AL150HD wire range is 14–3/0 AWG Al or Cu.
- ▲ AL250JD wire range is 3/0 AWG–350 kcmil Al or Cu. For smaller wire range (4–4/0 AWG Al or Cu), replace the lug's wire binding screws with the larger binding screws provided.
- △ 3P circuit breakers with this trip unit can be used for 2P applications.
- For applications requiring communications see page DE3-49.

H- and J-Frame Termination Options

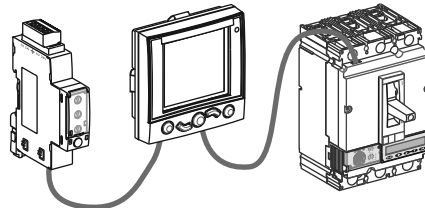
Termination Letter		
A - I-Line (See Section 5)	For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number.	
F = No Lugs (includes terminal nut kit on both ends)		
L = Lugs both ends		
M = Lugs ON end Terminal Nut Kit OFF end		
P = Lugs OFF end Terminal Nut Kit ON end		
N = Plug-in ◆		
D = Drawout ◆		
S = Rear Connected ◆		
H D L 3 6 0 1 5 T └ Termination Letter		
◆ For N and D details, refer to page DE3-45. For S details, refer to page DE3-41.		



H-Frame Micrologic™ Trip Unit

H- and J-Frame Interrupting Ratings

Voltage	Interrupting Rating				
	D	G	J	L	R
240 Vac	25 kA	65 kA	100 kA	125 kA	200 kA
480 Vac	18 kA	35 kA	65 kA	100 kA	200 kA
600 Vac	14 kA	18 kA	25 kA	50 kA	100 kA



H-Frame Circuit Breaker with Optional FDM and IFM Modules



J-Frame Micrologic™ Trip Unit

Accessories	Page DE3-39
Optional Lugs	Page DE3-42
Dimensions	Page DE3-55
Enclosures	Page DE3-56