



R-Frame Unit-Mount

Table 7.80: R-Frame Interrupting Ratings

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

Table 7.81: R-Frame Termination Options

Termination Letter
A = I-Line (See Section 9—Panelboards)
F = No Lugs (Includes terminal nut kit on both ends)
RJ F 3 6 3 0 0 U 4 1 A
For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number.

Dimensions see [page 7-86](#)
 Trip Unit Options see [page 7-62](#)
 Optional Lugs see [page 7-56](#)
 Alternate Rating Plugs see [page 7-64](#)
 Enclosures see [page 7-87](#)
 Accessories see [page 7-51](#)

PowerPacT R-Frame Molded Case Circuit Breakers (3000 A)

- MicroLogic electronic trip protection from 600–3000A up to 600 Vac
- 2-, 3- and 4-pole construction
- UL listed interrupting ratings from 35 to 100 kA at 480Vac
- Built-in Modbus protocol
- Standard (80%) and 100% rating
- UL, CSA, NOM, CCC and IEC certified and CE marked for global acceptance

Table 7.82: R-Frame 3000 A (600 Vac, 50/60 Hz) 3P Circuit Breaker with Electronic Trip Unit

Type	Electronic Trip Unit [44]		Sensor Rating	Cat. No. [45]
	Function	Trip Unit		
Basic Electronic Trip Unit (Not Interchangeable)	Fixed long-time, Adjustable Instantaneous	ET1.0I	1200 A	R■F36120
			1600 A	R■F36160
			2000 A	R■F36200
			2500 A	R■F36250
MicroLogic Interchangeable Standard Trip Unit	LI	3.0	600 A	R■F36060(C)U31A
			800 A	R■F36080(C)U31A
			1000 A	R■F36100(C)U31A
			1200 A	R■F36120(C)U31A
			1600 A	R■F36160(C)U31A
			2000 A	R■F36200(C)U31A
			2500 A	R■F36250(C)U31A
			3000 A	R■F36300(C)U31A
	LSI	5.0	600 A	R■F36060(C)U33A
			800 A	R■F36080(C)U33A
			1000 A	R■F36100(C)U33A
			1200 A	R■F36120(C)U33A
			1600 A	R■F36160(C)U33A
			2000 A	R■F36200(C)U33A
			2500 A	R■F36250(C)U33A
			3000 A	R■F36300(C)U33A
MicroLogic Interchangeable Ammeter Trip Unit	LI	3.0A	600 A	R■F36060(C)U41A
			800 A	R■F36080(C)U41A
			1000 A	R■F36100(C)U41A
			1200 A	R■F36120(C)U41A
			1600 A	R■F36160(C)U41A
			2000 A	R■F36200(C)U41A
			2500 A	R■F36250(C)U41A
			3000 A	R■F36300(C)U41A
	LSI	5.0A	600 A	R■F36060(C)U43A
			800 A	R■F36080(C)U43A
			1000 A	R■F36100(C)U43A
			1200 A	R■F36120(C)U43A
			1600 A	R■F36160(C)U43A
			2000 A	R■F36200(C)U43A
			2500 A	R■F36250(C)U43A
			3000 A	R■F36300(C)U43A
LSIG	6.0A	600 A	R■F36060(C)U44A	
		800 A	R■F36080(C)U44A	
		1000 A	R■F36100(C)U44A	
		1200 A	R■F36120(C)U44A	
		1600 A	R■F36160(C)U44A	
		2000 A	R■F36200(C)U44A	
		2500 A	R■F36250(C)U44A	
		3000 A	R■F36300(C)U44A	
MicroLogic Interchangeable Power Trip Unit	LSI	5.0P	600 A	R■F36060(C)U63AE1
			800 A	R■F36080(C)U63AE1
			1000 A	R■F36100(C)U63AE1
			1200 A	R■F36120(C)U63AE1
			1600 A	R■F36160(C)U63AE1
			2000 A	R■F36200(C)U63AE1
			2500 A	R■F36250(C)U63AE1
			3000 A	R■F36300(C)U63AE1
	LSIG	6.0P	600 A	R■F36060(C)U64AE1
			800 A	R■F36080(C)U64AE1
			1000 A	R■F36100(C)U64AE1
			1200 A	R■F36120(C)U64AE1
			1600 A	R■F36160(C)U64AE1
			2000 A	R■F36200(C)U64AE1
			2500 A	R■F36250(C)U64AE1
			3000 A	R■F36300(C)U64AE1
MicroLogic Interchangeable Harmonic Trip Unit	LSI	5.0H	600 A	R■F36060(C)U73AE1
			800 A	R■F36080(C)U73AE1

[44] For 2P and 4P information see Catalog 0612CT0101.

[45] To complete the catalog number: Replace the ■ with the appropriate interrupting rating (G, J, K or L); For 100% rated circuit breakers, add a "C" in the 9th character place. For example, the catalog number for a 100% rated trip unit with LI trip functions at 2500 A would be RGF36025CU31A.