



PowerPact M-Frame Circuit Breaker with Basic Electronic Trip Unit

**PowerPact M-Frame Molded Case Circuit Breakers (800 A)**

PowerPact M-frame circuit breakers use an electronic trip system with the simplicity of a thermal magnetic breaker.

- Basic electronic trip protection from 300 to 800 A up to 600 Vac
- 2- and 3-pole unit mount and I-line construction
- UL listed interrupting ratings from 35 to 65 kA at 480 Vac
- Common mounting holes, handle locations and trim dimensions with shared auxiliaries and accessories with P-frame devices
- Available in standard (80%) rating only
- UL, CSA, NOM, CCC and IEC certified and CE marked for global acceptance

**Table 7.72: M-Frame 800 A, Basic Electronic Trip System Type ET 1.0 [40] Factory-Sealed Trip Unit**

Electronic Trip Unit		Ampere Rating	Adjustable Instantaneous Trip Range		Interrupting Rating	
Type	Function		Low	High	G	J
2P, 600 Vac 50/60 Hz						
Basic	Fixed Long-time, Adjustable Instantaneous Trip	400 A	800	4000	MGL26400	MJL26400
		600 A	1200	6000	MGL26800[41]	MJL26800[41]
3P, 600 Vac 50/60 Hz						
Basic	Fixed Long-time, Adjustable Instantaneous Trip	400 A	800	4000	MGL36400	MJL36400
		600 A	1200	6000	MGL36800[41]	MJL36800[41]

**Table 7.73: M-Frame 800 A, Adjustable Amperage Electronic Trip Unit**

Electronic Trip Unit		Adjustable Long-Time Settings	Adjustable Instantaneous		Interrupting Rating	
Type	Function		Low	High	G	J
2P, 600 Vac 50/60 Hz						
Basic	Adjustable Long-Time Adjustable Instantaneous Trip	300–800	2x	10x	MGL26800E10	MJL26800E10
3P, 600 Vac 50/60 Hz						
Basic	Adjustable Long-Time Adjustable Instantaneous Trip	300–800	2x	10x	MGL36800E10	MJL36800E10

**Table 7.74: M-Frame Termination Options**

Termination Letter	Termination Option
A	I-Line (See Section 9—Panelboards)
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

M G L 3 6 4 0 0

For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number.

**Table 7.75: PowerPact M-Frame Interrupting Ratings**

Voltage	Interrupting Rating	
	G	J
240 Vac	65 kA	100 kA
480 Vac	35 kA	65 kA
600 Vac	18 kA	25 kA

Accessories see page 7-51  
Optional Lugs see page 7-56

Dimensions see page 7-87  
Enclosures see page 7-88

[40] The ET 1.0 trip unit cannot be field replaced or have the long-time trip point setting adjusted. It is considered an electronic equivalent of a thermal-magnetic circuit breaker.

[41] This item is entering obsolescence. The purchase opportunity will extend until December 2021.