

Table 9.116: F-frame—100 A, Thermal-magnetic (480 Vac)

Ampere Rating	AC Magnetic Trip Settings		Standard Interrupting	Extra High Interrupting	Terminal Wire Range			
	Hold	Trip	Catalog Number	Catalog Number	FY/FA Lugs	FJ/FC Lugs		
1-pole, 277 Vac, 125 Vdc [3]								
15 A	275	600	FY14015( ) [4]	FJA14015( )	AL50FA #14-#4 AWG Cu, or #12-#4 AWG Al	AL30FD #12-#6 AWG Al, or #14-#6 AWG Cu		
20 A			FY14020( ) [4]	FJA14020( )				
25 A			FY14025( ) [4]	FJA14025( )				
30 A			FY14030( ) [4]	FJA14030( )				
35 A	400	850	FA14035( )	FJA14035( )	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al	AL100FD #12-#2/0 AWG Al or #14-#2/0 AWG Cu		
40 A			FA14040( )	FJA14040( )				
45 A			FA14045( )	FJA14045( )				
50 A			FA14050( )	FJA14050( )				
60 A	800	1450	FA14060( )	FJA14060( )				
70 A			FA14070( )	FJA14070( )				
80 A			FA14080( )	—				
90 A			FA14090( )	—				
100 A	900	1700	FA14100( )	—			—	—
2-pole, 480 Vac, 250 Vdc [3][4][5]								
15 A	275	600	FA24015( )	—	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al	CU30FA4 one #14-#10 AWG Cu only		
20 A			FA24020( )	—				
25 A			FA24025( )	—				
30 A			FA24030( )	—				
35 A	400	850	FA24035( )	—	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al	AL100FA4 one #14-#3 AWG Cu or one #12-#1 AWG Al		
40 A			FA24040( )	—				
45 A			FA24045( )	—				
50 A			FA24050( )	—				
60 A	800	1450	FA24060( )	—				
70 A			FA24070( )	—				
80 A			FA24080( )	—				
90 A			FA24090( )	—				
100 A	900	1700	FA24100( )	—			—	—
3-pole, 480 Vac, 250 Vdc [3]								
15 A	275	600	FA34015	—	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al	CU30FA4 one #14-#10 AWG Cu only		
20 A			FA34020	—				
25 A			FA34025	—				
30 A			FA34030	—				
35 A	400	850	FA34035	—	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al	AL100FA4 one #14-#3 AWG Cu or one #12-#1 AWG Al		
40 A			FA34040	—				
45 A			FA34045	—				
50 A			FA34050	—				
60 A	800	1450	FA34060	—				
70 A			FA34070	—				
80 A			FA34080	—				
90 A			FA34090	—				
100 A	900	1700	FA34100	—			—	—

[3] 1- and 2-pole circuit breaker catalog numbers are completed by adding the required phase connection letters as a suffix.

[4] Rated 277 Vac 15 and 20 A FY circuit breakers are rated for switching duty (SWD). 15, 20, 25, and 30 A FA I-Line circuit breakers are also available (no SWD rating).

[5] Rated 277 Vac, 125 Vdc, except FY circuit breakers, which have no dc rating.

15–30 A circuit breakers suitable for use with 60 °C or 75 °C conductors. 35–100 A circuit breakers are suitable for use with 75 °C conductors.