

Table 130.7(C)(15)(a)	Fuse Class Amp Rating		Molded Case Circuit Breaker Max. Frame†		Insulated Case CB Max. Frame†	LV Power CB Max Frame†
	Conditions of Use Type Equipment, Voltage, Parameters, AFB	Fuse UL Class	Max. Amp Rating	Non-Current- Limiting Largest Frame	Current- Limiting‡	
Panelboards or other equipment rated 240 V and below Parameters: Maximum of 25 kA short circuit current available; maximum of 0.03 sec (2 cycle) fault clearing time; minimum 18 in. working distance Potential arc flash boundary with exposed energized conductors or circuit parts using above parameters: 19 in.	J (LPJ or JKS) RK1 (LPN-RK) RK5 (FRN-R) L (KRP-C)	600A* 600A* 600A* 1600A	1200A	600A	None	None
Panelboards or other equipment rated > 240 V and up to 600 V Parameters: Maximum of 25 kA short circuit current available; maximum of 0.03 sec (2 cycle) fault clearing time; minimum 18 in. working distance Potential arc flash boundary with exposed energized conductors or circuit parts using above parameters: 30 in.	J (LPJ or JKS) RK1 (LPS-RK) RK5 (FRS-R) L (KRP-C)	600A* 600A* 600A* 1600A	1200A	600A	None	None
600 V class motor control centers (MCCs) Parameters: Maximum of 65 kA short circuit current available; maximum of 0.03 sec (2 cycle) fault clearing time; minimum 18 in. working distance Potential arc flash boundary with exposed energized conductors or circuit parts using above parameters: 53 in.	J (LPJ or JKS) RK1 (LPS-RK) RK5 (FRS-R) L (KRP-C)	600A* 600A* 600A* 4000A	1200A	600A	None	None
600 V class motor control centers (MCCs) Parameters: Maximum of 42 kA short circuit current available; maximum of 0.33 sec (20 cycle) fault clearing time; minimum 18 in. working distance Potential arc flash boundary with exposed energized conductors or circuit parts using above parameters: 165 in.	J (LPJ or JKS) RK1 (LPS-RK) RK5 (FRS-R) L (KRP-C)	600A* 600A* 600A* 2000A	2500A	600A	5000A w/IT set at ≤ 42kA 5000A w/STD set ≤ 20 cycles	5000A w/IT set at ≤ 42kA 5000A STD set at ≤ 20 cycles

<p>600 V class switchgear (with power circuit breakers or fused switches) and 600 V class switchboards</p> <p>Parameters: Maximum of 35 kA short circuit current available; maximum of up to 0.5 sec (30 cycle) fault clearing time; minimum 18 in. working distance</p> <p>Potential arc flash boundary with exposed energized conductors or circuit parts using above parameters: 233 in.</p>	<p>J (LPJ or JKS) RK1 (LPS-RK) RK5 (FRS-R) L (KRP-C)</p>	<p>600A* 600A* 600A* 2500A</p>	<p>2500A</p>	<p>600A</p>	<p>5000A</p>	<p>5000A</p>
<p>Other 600 V class (277 V through 600 V, nominal) equipment</p> <p>Parameters: Maximum of 65 kA short circuit current available; maximum of 0.03 sec (2vcycle) fault clearing time; minimum 18 in. working distance (except as indicated)</p> <p>Potential arc flash boundary with exposed energized conductors or circuit parts using above parameters: 53 in.</p>	<p>J (LPJ or JKS) RK1 (LPS-RK) RK5 (FRS-R) L (KRP-C)</p>	<p>600A* 600A* 600A* 4000A</p>	<p>1200A</p>	<p>600A</p>	<p>None</p>	<p>None</p>

* This symbol signifies this is the largest fuse amp rating for this type fuse/UL Class fuse.

† The circuit breaker data is based on typical data. The selection must account for whether there are instantaneous trip settings, instantaneous override settings, and/or short-time delay capabilities and settings are used.

‡ Current-limiting circuit breakers must be listed and marked “current-limiting”