

ICC 500-2014 Approved FEMA Hardware & Accessories



Item	Manufacturer and description	Approval listing	Notes
Latching hardware			
LM/LMV9300 series 3-point latch	Schlage (lock)	UL file R27031	Outswing applications only
	Von Duprin (rod assemblies)	UL file R21149	
WS98/9927 (F) vertical rod	Von Duprin vertical rod	UL files R4504 & SA163	Outswing applications only
WS98/9957 (F) 3-point latch	Von Duprin 3-point latch	UL files R4504 & SA163	
SB360 surface bolts	Ives top & bottom surface bolts	UL file R4942	
Butt hinges			
3CB1, 3CB1HW, 3CB1NRP, 3CB1HWNRP, 3CB1SH, 3CB1HWSH, 5BB1, 5BB1HW, 5BB1WT, 5BB1NRP, 5BB1HWNRP, 5BB1SH, 5BB1HWSH, 5BB1HW WT	Ives butt hinges - 4.5 High (0.134 Min) or 5 high (0.146 Min)	UL file R16697	
TW4, TW8	Ives electric hinge options	UL file BP9752	
Continuous hinges			
112HD, 112XY, 224HD, 224XY	Ives aluminum geared continuous hinge - nominal leaf thickness 0.110	UL file R16697	
600, 700, 700Cs, 705	Ives steel pin & barrel continuous hinge - nominal leaf thickness 14 gage	UL file R16697	
TW8, TWP	Ives electric continuous hinge options	UL file BP9752	
Electric power transfer			
TW4, TW8	Von Duprin electric power transfer	UL file SA163	
Closers			
4000T, 4010, 4010T, 4020, 4020T, 4030, 4030T, 4040XP, 4040XPT, 4050, 4110, 4110T	LCN surface mounted closer	UL file R1943	All surface mounted closers must be attached to door with through bolts per manufacturer's installation instructions. Covers must be attached with steel screws. 4010, 4040XPT, 4000T & 4050 do not open to 180 degrees, so application should be confirmed.
FALCON SC70 (heavy duty), SC80A, SC60A	Falcon surface mounted closer	UL file R1943	
Overhead holder/stop			
70S, 79S, 81S, 90S	Glynn Johnson surface mount overhead holder/stop	UL file R18895	79 Series does not open to 180 degrees, so application should be confirmed.
Electronic door closer			
4040SE, 4310ME	LCN-sentronic electronic door closer	UL file R1943	To be mounted only to the exterior side of storm shelter or safe room.
Auto-door operator			
9542, 9553	LCN auto door operator	UL file R7303	To be mounted only to the exterior side of storm shelter or safe room.
Magnetic holder			
SEM 7800	LCN magnetic holder	UL file R8327	Extenders not permitted on inswing applications
Door position switch			
1076, 1078 (round), 2757 (rectangular)	Sentrol door position switch	UL file R13778	Must be mortised into the edge or top of the door, and into the door rabbet of the jamb or head of the frame.
MSS-1 (high security)	Securitron door position switch	UL file BP6799	
679-05 (round), 7764 (rectangular)	Schlage door position switch		
Kick plates			
8400 (Metal or plastic), 8402 (metal)	Ives kick plate	UL file R22142	Must be secured with steel screws. 48" Max height bottom of door only.
Thresholds & gasketing			
	Zero	UL file R18465	Must not impede or affect the function of the opening or latching hardware.
Floor & wall stops/holders			
	Ives		Attached to exterior with steel screws per manufacturer's instructions. Interior application must be Ives FS495 through bolted to the door, at the bottom only, minimum 6" from lock or strike side of door.