

# ICC 500-2014 Approved DF Tornado Hardware & Accessories



Item	Manufacturer and description	Approval listing	Notes
<b>Latching hardware</b>			
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	
<b>Butt hinges</b>			
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	
<b>Continuous hinges</b>			
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	
<b>Electric power transfer</b>			
TW4, TW8	Von Duprin electric power transfer	UL file SA163	
<b>Closers</b>			
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	
<b>Overhead holder/stop</b>			
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.
<b>Electronic door closer</b>			
4040SE, 4310ME	LCN-sentronic electronic door closer	UL file R1943	To be mounted only to the exterior side of storm shelter or safe room.
<b>Auto-door operator</b>			
9542, 9553	LCN auto door operator	UL file R7303	To be mounted only to the exterior side of storm shelter or safe room.
<b>Magnetic holder</b>			
SEM 7800	LCN magnetic holder	UL file R8327	Extenders not permitted on inswing applications
<b>Door position switch</b>			
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		
<b>Kick plates</b>			
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.
<b>Thresholds &amp; gasketing</b>			
	Zero	UL file R18465	Must not impede or affect the function of the opening or latching hardware.
<b>Floor &amp; wall stops/holders</b>			
	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.