

ICC 500-2014 and FEMA Approved DF Tornado Hardware Offering



Manufacturer	Model	Description	UL Fire listings	Notes
Latches -- Panic Exit hardware; ADA Narrow and Vision lights available with Von Duprin WS devices				
Von Duprin	WS98/9927 with or without (F)	2-point, Panic bar, SVR (no primary), electrified options	R4504 & SA163	Outswinging applications only
Von Duprin	WS98/9957 with or without (F)	3-point, Panic bar, SVR, electrified options	R4504 & SA163	
Von Duprin	LGO-3, LGO-4	Latch Guards for ADA to cover bottom SVRs		
Ives	SB360	Top & bottom surface bolts for inactive leaf, any lever	R4942	
Securitech	7T Series	Securitech 3-point, Panic bar, CVR, elect options	R27798	
Securitech	83T Series	Securitech 3-point, Panic bar, SVR, elect options	R27798	
Latches -- Multi-point Lever hardware; ADA Narrow and Vision lights available with all Schlage LM93xx multi-point				
Schlage	LM/LMV93xx	Schlage 3-point lock, Lever	R27031	Outswinging & inswing applications
Von Duprin		Von Duprin rods, CVR	R21149	
Securitech	52xx-V	2-point, Lever, CVR (no primary)	R27798	Outswinging applications only
Securitech	53xx, 54xx	3 or 4-point, Lever, CVR	R27798	
Securitech	7L and 83L Series	Lever, CVR, HVL, electrified options	R27798	
Latches -- Latching hardware for FEMA 320 only (multi-action release for small business and residential applications <16 occupancy)				
Securitech	*ATAR System RB-100 Series	ATAR multi-latch system with HVL in conjunction with cylindrical locks shown below		Outswinging & inswing applications
Medeco	*Maxum	Medeco Maxum 3-deadbolts in conjunction with cylindrical locks shown below	R18248	
Schlage, Falcon	Cylindrical locks used with Medeco Maxum or Securitech ATAR System	Schlage ND Series Falcon NT Series	Schlage R3515 Falcon GWWV	
Butt hinges				
Ives	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)	R16697	
Ives	TW4, TW8	Ives electric hinge options	BP9752	
Continuous hinges				
Ives	112HD, 112XY, 224HD, 224XY	Ives aluminum geared continuous hinge - nominal leaf thickness 0.110	R16697	
Ives	600, 700, 700Cs, 705	Ives steel pin & barrel continuous hinge - nominal leaf thickness 14 gage	R16697	
Ives	TW8, TWP	Ives electric continuous hinge options	BP9752	
Electric power transfer				
Von Duprin	EPT-2, EPT-10	Von Duprin electric power transfer	SA163	
Closers				
LCN	4000T, 4010, 4010T, 4020, 4020T, 4030, 4030T, 4040XP, 4040XPT, 4050, 4110, 4110T	LCN surface mounted closer	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	FALCON SC70 (heavy duty), SC80A, SC60A	Falcon surface mounted closer	R1943	
Overhead holder/stop				
Glynn Johnson	70S, 79S, 81S, 90S	Glynn Johnson surface mount overhead holder/stop	R18895	79 Series does not open to 180 degrees, so application should be confirmed.
Electronic door closer				
LCN	4040SE, 4310ME	LCN-Sentronic electronic door closer	R1943	4310ME May be mounted on interior or exterior side of storm shelter or safe room. 4040SE exterior side only.
Auto-door operator				
LCN	9542, 9553	LCN auto door operator	R7303	To be mounted only to the exterior side of storm shelter or safe room.
Magnetic holder				
LCN	SEM 7800	LCN magnetic holder	R8327	Extenders not permitted on inswing applications
Door position switch				
Schlage	679-05 (round), 7764 (rectangular)	Schlage door position switch		Must be mortised into the edge or top of the door, and into the door rabbet of the jamb or head of the frame.
Sentrol	1076, 1078 (round), 2757 (rectangular)	Sentrol door position switch	R13778	
Kick plates				
Ives	8400 (Metal or plastic), 8402 (metal)	Ives kick plate	R22142	Must be secured with steel screws. 48" Max height bottom of door only.
Thresholds & gasketing				
Zero			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.

Notes:

- 1) ending xx = series
- 2) SVR = surface vertical rods, CVR = concealed vertical rods
- 3) *FEMA 320 only (not approved for FEMA 361)
- 4) ADA Narrow and Vision lights available with WS98/9927 and WS98/9957, and with Schlage LM93xx