

UL Approved Hardware & Accessories for Von Duprin Pairs and Schlage LM9300 Pairs

STEELCRAFT

[UL_ZHLA.79 for WS-T Exit hardware](#)

[UL_ZHLA.87 for LM9300 Multi-point hardware](#)

(Updated 9/4/25)

Type	Brand	Model	Description/Notes	UL Fire listings
Latches - Panic Exit hardware Outswing only	Von Duprin	WS-T-98/9927 Series with or without (F)	2-point Panic, SVR (no primary), electrified options. Grout in WS-T-304L.	R4504 & SA163
Protection / Latch Guard	Von Duprin	WS-LGO-3, WS-LGO-4 (Not bearing the UL mark)	ADA bottom latch guard cover with ramp used with WS-T-98/9927	
Exit Trim and Function	Von Duprin	Trim 996, 377. Functions EO, DT, L-DT, L-BE, L-KC.	With or without 377T-KC control with required ingress along egress path	R4504
Latches - Three-point Lever	Schlage	LM9325 EO, LM9350 Entrance/Office, LM9371, Classroom, LM9380 Storeroom	Trim indicators approved for Thumbturn and Key Cylinders (safe side mounting), also Coin turn and Emergency key (threat side mount only)	R26280 R3515
Inactive leaf Surface Bolt	Ives	SB360-WS, manual type	Required on inactive leaf with Pair configurations	R4942
Glazing - Narrow Light	TGP	Pilkington Pyrostop Type 60-102 TRSL	1 3/8" Nominal, 4 in. by 25 (4-1/8"x26-11/16", 43"AFF)	R38707
Glazing - Vision Light	TGP	Pilkington Pyrostop Type 60-102 TRSL	1 3/8" Nominal, 10"x10" (9.5"x9.5", 57.5"AFF)	R38707
Door Viewer	Ives	U698	Mn 12" from door edge. Max 2 viewers. Typ 60" and ADA 43" AFF Field install (tap skid to avoid stiffeners for easier installation).	R8320
Hinges	Ives	Butt Hinge Models 3CB1, 3CB1HW, 3CB1NRP, 3CB1HW NRP, 5BB1, 5BB1HW, 5BB1NRP, 5BB1HWNRP. Continuous Hinge Models 112XY, 224XY, 112HD, 224HD, 600, 700, 705, 700CS	Ives butt hinges - 4.5 High (0.134 Min) or 5 high (0.146 Min)	R37965
	Ives	Electric Hinges TW4, TW8, and TWP Concealed	Ives electric hinge options	BP9752
Auxiliary	Von Duprin	WS-T Auxiliary Stop	10 gauge (not bearing UL Mark)	
Electronic power transfer	Von Duprin	EPT-2 and EPT-10		SA163
Surface mounted closers	LCN	4000 series	May be mounted on interior or exterior side of storm shelter. Thru-bolt mounting of body to door only. Metal cover screw applied safe side.	R1943
Holder Arm	LCN	4040 with suffix SE, SE-DE, SEL, SEC, SEC-DE, SEH, or SP	May be mounted on interior or exterior side of storm shelter. Thru-bolt mounting of body to door only. Metal cover screw applied safe side.	R1943
Auto-door operator with automatic closer	LCN	9530 and 9540	Fire Door Operator with Automatic Closer can be mounted on either side of the door	R7303
Electromagnetic door holders	LCN	SEM7820, SEM7830, SEM7840, SEM7850, and SEM 828 Armature.	Screw applied to door only. Extensions allowed.	R8327
Surface mount Overhead holder/stop	Glynn Johnson	90 Series Overhead Stops Models 902, 903, 904, 905 (Suffix S). Hold-Open (Suffix H) and Friction Hold-Open (Suffix F) not bearing the UL mark	Verify ability to open 180 degrees as needed; application should be confirmed.	R18895
Door position switch	Schlage	679-05HM (round), L483-055	Must be mortised into the hinge side or top edge of the door, and into the door rabbet of the hinge jamb or head of the frame.	R21149
Protection / Kick Plates	Ives	8400 Series Kick Plate (Screw Applied), no UL mark	Must be secured with steel screws. 48" Max height bottom of door only.	R22142
Thresholds - Saddle	Zero	63, 64, 544, 545, 546, 547, 548, 653, 654, 664, 164, 655, 8655, 656, 6570, 647, 657, 6575	Must not impede strike or affect the function of the opening or latching hardware. Must grout full in area around bottom strike to secure in slab.	R18465
Thresholds - Offset	Zero	102, 103, 104		R18465
Thresholds - Rabbeted	Zero	564, 566, 567, 568, 267, 663, 65, 560, 561, 563, 565		R18465
Thresholds - Adjustable	Zero	672, 673, 674, 675, 676, 678, 6710, 671		R18465
Thresholds - Traction Tread	Zero	3672, 3673		R18465
Perimeter Gaskets, Edge Gaskets, Perimeter Seals	Zero	485, 139, 312, 314, 140, 318, 322, 50, 1370, 98, 99, 100, 31, 32, 33, 485, 570, 370, 326, 328, 8305, 302FS, 328FS, 429, 8193, 8879, 8302, 8877, 8303, 8878	Safe side secured using #8 stainless steel screws	R18465
Meeting Stiles	Zero	55, 155, 555, 555FS, 555FS, 871, 873, 8192, 8193, 8194, 8879, 8195, 98, 99, 100, 326, 328, 370, 375 Between doors, Model 8217S	Threat side mounting only	
Adhesive Weather Stripping	Zero	188, 8144, 8042, 488, 8145, 8216, 117, 8150, 8172N, 8770N, 312N, 8780N, 139N, 926N, 318N		
Door Sweeps	Zero	Models 39, 339, 539, 39W, 339W, 328, 50M, 477, 8191, 329, 8197, 571, 871, 255, 8192, 98, 96, 8194, 8193, 8198	Threat side mounting only	
		Models 39, 339, 539, 39W, 339W, 328, 50M, 8191, 329, 8197, 571, 8194	Safe side, Surface applied using #8 stainless steel screws	
Rain Drips	Zero	11, 25, 142, 144	Threat side mounting only	R18465
Floor & Wall Holders/Stops	Ives	Semi-Auto Models FS9, FS40, FS41, FS42, FS43, FS495, FS496, FS497. Manual Models WS20, WS20X, FS446, FS450, FS445, WS445, WS449. Automatic Models WS40, WS45, WS45X.	Mounted threat side only, surface applied. Through bolting allowed at the bottom only. Not bearing the UL mark	

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*NOTE:
 1. ALWAYS INSTALL ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS
 2. AVOID INSTALLATION OF GASKETING THAT WOULD HINDER PROPER LATCHING OF HARDWARE AND AVOID BINDING OR INTERFERENCE.
 3. WITH OR WITHOUT THRESHOLD, LM9300 BOTTOM STRIKE MUST BE ANCHORED INTO SLAB WITH PROVIDED BOLTS, AND WS-T BOTTOM STRIKES MUST BE GROUDED INTO SLAB PER INSTALLATION INSTRUCTIONS.
 4. ADDITIONAL GASKETING MAY BE ADDED. ANY ZERO BRAND GASKETS, SEALS, OR THRESHOLDS MAY BE USED, BUT MUST NOT IMPEDE OR AFFECT THE FUNCTION OF THE OPENING OR LATCHING HARDWARE.
 Nomenclature: SVR & SBD=surface vert rods, CVR & IHD=concealed vert rods, 4-pt=stationary bolt, 98 (smooth) /99 (groove)=touch bar, T=toughbar, C=crossbar, L-lever.
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[Intertek ICC 500-2020 64895 listing](#)

[FP Fire Listing](#)

[PW Fire Listing](#)

(Updated 9/4/25)

Type	Brand	Model	Description/Notes	UL Fire listings
Latches - Panic Exit hardware Outswing only For exit pairs only, see UL listing for approved accessories	Von Duprin	WS-T-98/9957 Series with or without (F)	3-point Panic, SVR, electrified options. Grout-in 304L strike.	R4504 & SA163
	Von Duprin	WS-LGO Series	ADA bottom latch guard cover with ramp used with WS-T-98/9957	
	Securitech	7T/7C Series	3-point, IHD, HVL option (single-only), electric options	R27798
	Securitech	83T, 83C 84T, 84C Series	Autolock, 3-point, 4-point, SBD, IHD, HVL option (single-only) electric options. Pair inactive leaf requires SB360-WS surface bolt, manual type.	R27798
Latches - Multi-point Lever hardware Outswing & inswing	Schlage	LM/LMV9300 Series	3-point lock	R27031
	Von Duprin		CVR used with Schlage 3-point lock	R21149
	Ives	SB360-WS	Manual surface bolt for inactive lever pair and grouted-in 304L strike	R4942
Latches - Multi-point Lever hardware Outswing only	Securitech	5200 Series V	2-point, IHD concealed vertical rods (no primary)	R27798
	Securitech	5300 Series, 5400 Series	3 or 4-point, IHD concealed vertical rods, HVL option (single-only)	R27798
	Securitech	73L, 74L, 83L, 84L Series	3 or 4-point IHD/SBD, HVL option (single-only), electrified options	R27798
Latches - Latching hardware for FEMA 320 only - Inswing only multi-action 3 deadbolt system for <16 occupancy (small business/residential)	Medeco	Maxum	3 manual deadbolts in conjunction with cylindrical locks shown below	R18248
	Schlage	ND Series	Cylindrical locks used with Medeco Maxum	R3515
	Falcon	T Series		GWWW
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
Electronic power transfer	Von Duprin	EPT-2, EPT-10		SA163
Surface mounted closers	LCN	4000T, 4010, 4010T, 4020, 4020T, 4030, 4030T, 4040XP, 4040XPT, 4050, 4110, 4110T	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.	R1943
	Falcon	FALCON SC70 (heavy duty), SC80A (med duty), SC60A (light duty)		R1943
Surface mount Overhead holder/stop	Glynn Johnson	70S, 79S, 81S, 90S	79 Series does not open to 180 degrees, so application should be confirmed.	R18895
Electronic door closer	LCN	Sentronic 4040SE, 4310ME	4310ME May be mounted on interior or exterior side of storm shelter or safe room. 4040SE exterior side only.	R1943
Auto-door operator	LCN	9542, 9553	To be mounted only to the exterior side of storm shelter or safe room.	R7303
Magnetic holder	LCN	SEM 7800	Extenders not permitted on inswing applications	R8327
Door position switch	Schlage	679-05HM (round)	Must be mortised into the edge or top of the door, and into the door rabbet of the jamb or head of the frame.	R21149
	Sentrol	1076, 1078 (round)		R13778
Kick plates	Ives	8400 (Metal or plastic), 8402 (metal)	Must be secured with steel screws. 48" Max height bottom of door only.	R22142
Thresholds & gasketing	Zero	multiple	Must not impede or affect the function of the opening or latching hardware. Must grout full in area around strike to secure strike in slab.	R18465
Floor & wall stops/holders	Ives	multiple	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.	

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