



QUIET DUO™ LR100 SERIES

700mA Dual Latch Retraction / Dogging Kit

AVAILABLE FOR THESE BRANDS:

- IDC
- Von Duprin
- Yale
- Corbin Russwin
- Dor-O-Matic
- Hager
- Adams Rite
- Stanley K2
- TownSteel
- Arrow
- PHI
- Falcon
- Cal-Royal
- PDQ
- Falcon IR
- Marshall Best
- Sargent
- SDC
- Tell
- Detex
- Dorma
- Jackson



For use with 3Hr fire rated and non-fire rated mechanical exit devices.
 Only 700mA inrush / 200mA continuous @ 24VDC provides simultaneous latch retraction, dogging with pushpad depression unless specified otherwise.

APPLICATION

The IDC LR100 Series Electric Latch Retraction Kit enables electric access control and dogging of mechanical exit devices. When energized the motor retracts the exit device latch and pulls the pushpad into the dogged (depressed) position enabling momentary or sustained push and pull operation of the door.
 The latch retraction mechanism may be activated by an access control, remote control device or building automation system. The exit device always provides uninhibited egress.

Field Installed Retrofit Kit

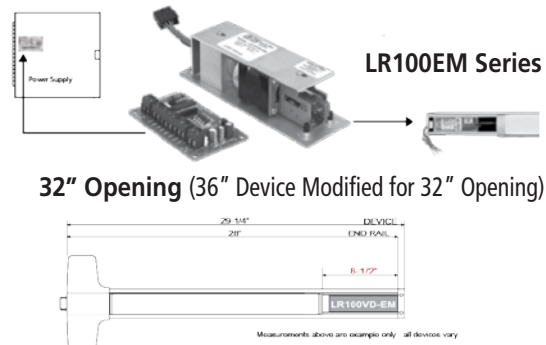
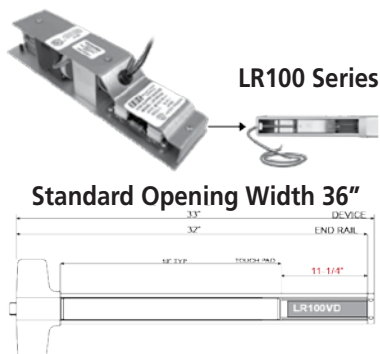
- UL Classified for use with 3hr fire rated & non-fire rated exit devices

IDC Factory Installed Kit

- UL Listed for use with 3hr fire rated & non-fire rated exit devices
- Distributor sends exit device to IDC for kit installation

FEATURES

- 700 mA Inrush, 200 mA Continuous @ 24VDC
- For access control and sustained dogging applications
- Simultaneous latch retraction and dogging (pushpad depressed) for most exit devices*
- Pushpad is depressed* electrically for quieter push / pull operation
- Automatic re-trigger if device does not pull on first try * on designated models
- Eliminates need for costly replacement of existing exit device
- Significantly less labor and costs compared to competitive retrofit kits
- Low current enables longer wire runs with smaller gauge wire
- No door sequencers required for pairs of manual doors
- Installs in Von Duprin non-fire rated panic device without removing from the door



ORDERING INFORMATION

IDC (INTERNATIONAL DOOR CLOSERS) 8000 SERIES EXIT DEVICES		
Electric Latch Retraction / Dogging Device		
Opening	Field Retrofit Kit	Factory Installed
36"-48"	LR100IDCK	LR100IDC
30"	LR100IDCKEM	LR100IDCEM
Options		
LRIDC1L	Latch Status Kit	
LRIDC1R	Pushpad/Dogging Status or REXStatus Kit	

Models		
Standard		Narrow Line
8610 / 8810	Rim Mount	8510 / 8710
8630 / 8830	Surface Vertical Rod	8530 / 8730
8620 / 8820	Mortise	
8650 / 8850	Concealed Vertical Rod	8550 / 8750

VON DUPRIN 22 SERIES EXIT DEVICES		
Length	Field Retrofit Kit	Factory Installed
36"- 48"	LR100VDK-22	LR100VD-22
30"	LR100VDK-22-EM	LR100VD-22-EM
Models		
22	Rim Mount	
2227	Surface Vertical Rod	
Options		
LRVD1L	Latch Status Kit for 22 Series	
LRVD2R	REX Status or Pushpad/Dogging Status for 22 Series	

YALE 7000 SERIES EXIT DEVICES		
Length	Field Retrofit Kit	Factory Installed
36"	LR100YDK	LR100YD
30"	LR100YDK-EM	LR100YD-EM
42"- 48"	LR100YDK-42/48	LR100YD-42/48
Models		
7100, 7102, 7200	Rim Mount	
7110, 7210	Surface Vertical Rod	
7120, 7220	Concealed Vertical Rod	
Options		
LRY1L	Latch Status Kit	
LRY1R	REX Status Kit	

VON DUPRIN 98/99 AND 33/35 SERIES EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"- 48"	LR100VDK	LR100VD
30"	LR100VDK-EM	LR100VD-EM
Models		
98/99	33A / 35A	Rim Mount
9827/9927	3327A / 3527A	Surface Vertical Rod
9847/9947	3347A / 3547A	Concealed Vertical Rod
9875/9975		Mortise
9857/9957		Three Point latching

CORBIN RUSSWIN • ED SERIES EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100CRK	LR100CR
30"	LR100CRK-EM	LR100CR-EM
42"- 48"	LR100CRK 42/48	LR100CR 42/48
Options		
LRCR1L	Latch Status Kit	
LRCR1R	REX Status Kit	
Models		
ED5200 / ED4200	Rim Mount	
ED5400	Surface Vertical Rod	
ED4800 / ED4800	Concealed Vertical Rod	

DORMA EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100DAK	LR100DA
Models		
9300 / F9300	Rim Mount	
9400 / F9400	Surface Vertical Rod	

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HAGER 4500 SERIES EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36" - 48"	LR100HK	LR100H
30"	LR100HK-EM	LR100H-EM
Models		
4501 - Rim	Rim Mount	
4501 - SVR	Surface Vertical Rod	
Options		
LRH1L	Latch Status Kit	
LRH1R	Pushpad/Dogging Status or REX Status Kit	

ADAMS RITE EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"-48"	LR100ARK	LR100AR
30"	LR100ARK-EM	LR100AR-EM
Models		
8700** / 8800 / 3700	Rim Mount	
8100 / 8200 / 3100	Surface Vertical Rod	
8500 / 8600 / 3600	Concealed Vertical Rod	
Options		
LRARIR	REX Status Kit	

STANLEY K2 QED SERIES EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36" - 48"	LR100K2K	LR100K2
30"	LR100K2K-EM	LR100K2-EM
Models		
QED111	Rim Mount	
QED114	Surface Vertical Rod	
QED124	Concealed Vertical Rod	
Options		
LRK2R	Latch Status and REX Status or Pushpad/Dogging Status Kit	

ARROW 1000 SERIES EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36" - 48"	LR100AWK	LR100AW
Models		
S1250	Rim Mount	
S1150	Surface Vertical Rod	
Options		
Opening		
36"	LR100AWK-ED910	LR100AW-ED910
Models		
S1250	Rim Mount	

TOWNSTEEL ED1100 SERIES EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36" - 48"	LR100TSK	LR100TS
30"	LR100TSKEM	LR100TSEM
Models		
ED1100	Rim Mount	
ED1200	Surface Vertical Rod	
ED1300	Concealed Vertical Rod	
Options		
LRTS1R	REX Status or Pushpad/Dogging Status Kit	
Opening		
36"	LR100TSK-55/56	LR100TS-55/56
Models		
ED5500	Rim Mount	
ED5600	Surface Vertical Rod	
Options		
LRTS2R	REX Status or Pushpad/Dogging Status Kit FOR ED5500	
Opening		
36"	LR100TSK-65/67	R100TS-65/67
Models		
ED6500	Rim Mount	
ED6700	Surface Vertical Rod	

PHI (PRECISION HARDWARE) EXIT DEVICES		
Length	Field Retrofit Kit	Factory Installed
36"	LR100PDK	LR100PD
Models		
2100 / 2400	Rim Mount	
2200 LBR	Surface Vertical Rod	
2800 LBR / 2600	Concealed Vertical Rod	
5100	Rim Mount	
5200 LBR	Surface Vertical Rod	
Options		
LRP1L	Latch Status Kit for PHI Rim 2000 Series	
LRP2L	Latch Status Kit for PHI Vertical Rod 2000 Series	
LRP1R	REX Status or Pushpad/Dogging Status for PHI 2000 Series	

TELL MFG. EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100TEK	LR100TE
Models		
9500	Rim Mount	
9400	Surface Vertical Rod	

FALCON DOR-O-MATIC EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100FAK	LR100FA
30"	LR100FAK-EM	LR100FA-EM
Models		
1790	Rim Mount	
1690	Concealed Vertical Rod	
Opening	Field Retrofit Kit	Factory Installed
36"	LR100DMK	LR100DM
Models		
1590	Rim Mount	
1490	Concealed Vertical Rod	

CAL-ROYAL EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100CAK	LR100CA
Models		
7700 / F7700	Rim Mount	
7760 / F7760	Surface Vertical Rod	
Opening	Field Retrofit Kit	Factory Installed
36"	LR100CAK-9800	LR100CA-9800
Models		
GLS9800	Rim Mount	
GLSCVR9800	Concealed Vertical Rod	
Opening	Field Retrofit Kit	Factory Installed
30"	LR100CAK-EM	LR100CA-EM
Models		
2200 / F2200 / 9800 / F9800	Rim Mount	
2260 / F2260 / 9860 / F9860	Surface Vertical Rod	

SDC 6000 SERIES EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36" - 48"	LR100SDCK	LR100SDC
30"	LR100SDCKEM	LR100ISDEM
Models		
S6100	Rim Mount	
S6200	Surface Vertical Rod	
S6300	Mortise	
S6800	Concealed Vertical Rod	
Options		
LRSDC1L	Latch Status Kit	
LRSDC1R	Pushpad/Dogging Status or REXStatus Kit	

FALCON 24/25 SERIES EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100FRK	LR100FR
Models		
25-R / F-25-R 24-R / F-24-R	Rim Mount	
25-V / F-25-V 24-V / F-24-V	Surface Vertical Rod	
25-C / F-25-C 24-C / F-24-C	Concealed Vertical Rod	

MARSHALL BEST EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100MBSK	LR100MBS
30"	LR100MBSK-EM	LR100MBS-EM
Models		
Q1100/QF1100	Rim Mount	
Q1200/QF1200	Surface Vertical Rod	

PDQ EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36" - 48"	LR100PDQK	LR100PDQ
Models		
6200R	Rim Mount	
6200V	Surface Vertical Rod	

TELL EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100TEK	LR100TE
Models		
9500	Rim Mount	
9400	Surface Vertical Rod	

JACKSON 2000 SERIES EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100JAK	LR100FR
Models		
2095	Rim Mount	
2085	Concealed Vertical Rod (top latch)	
2086	Concealed Vertical Rod (top bolt)	

ACCESSORIES	
602RF	1 Amp Power Supply, UL Listed 294, for 1 or 2 exit devices
632RF	2 Amp Power Supply, UL Listed 294 for 3 or 4 exit devices
EMC	2 Station Automatic Door Sequence; Each EMC provides interface and sequencing for two single or one double automatic door.
PTH-4Q	4-wire Electric Hinge, 1 Amp max. UL 10B
PTH-4QDPS	4-wire, Electric Hinge 1 Amp max. UL 10B. With concealed Door Status Contact
PTH-2+4Q	6-wire Electric Hinge 1-pair 16 Amp inrush, 4 Amp continuous; 2-pair 1 Amp @ 12/24V
PTH-10Q	Ten (10) Conductor Power Transfer Hinge, 1 Amp @ 12/24V per pair
PT-5	Concealed mortise power transfer device, UL 10B Fire Door Accessory
PT-3V	Stainless steel door loop with surface wire junction
PTM-2AL	Two (2) Conductor Power Transfer Device: Two (2) 18 Ga. wires 5 Amp @ 12/24V AC/DC, Aluminum Powder Coat, US28 equivalent
PTM-2BZ	Two (2) Conductor Power Transfer Device: Two (2) 18 Ga. wires 5 Amp @ 12/24V AC/DC, Dark Brown Powder Coat, US10B equivalent
PTM-10AL	Ten (10) Conductor Power Transfer Device: Ten (10) 24 Ga. wire 1 Amp @ 12/24V AC/DC, Aluminum Powder Coat, US28 equivalent
PTM-10BZ	Ten (10) Conductor Power Transfer Device: Ten (10) 24 Ga. wire 1 Amp @ 12/24V AC/DC, Dark Brown Powder Coat, US10B equivalent
400U-L2	Two LEDs. Specify lens color. Standard Finish, on 1 Gang plate
400NU-L2	Two LEDs. Specify lens color. Standard Finish, on narrow plate

DETEX EXIT DEVICE		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100DXK	LR100DX
Models		
10 / 40 Series	Rim Mount	
20 / 50 Series	Surface Vertical Rod	
80 / 81 / 62 / 63 Series	Concealed Vertical Rod	
Options		
LRDX1R	REX Status Status Kit	

SARGENT EXIT DEVICES		
Length	Field Retrofit Kit	Factory Installed
36" - 48"	LR100SGK	LR100SG
30"	LR100SGK-EM	LR100SG-EM
Models		
8500 / 8800	Rim Mount	
8700	Surface Vertical Rod	
8400 / 8600	Concealed Vertical Rod	
8300 / 8900	Mortise	
Options		
LRSG2R	Latch Status and REX Status or Pushpad/Dogging Status Kit	

MARKS EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36"	LR100MDK	LR100MD
Models		
M9900	Rim Mount	
M9900VR	Surface Vertical Rod	

PAMEX EXIT DEVICES		
Opening	Field Retrofit Kit	Factory Installed
36" - 48"	LR100PAK	LR100PA
30"	LR100PAK-EM	LR100PA-EM
Models		
EF9000	Rim Mount	
EF9000V	Surface Vertical Rod	
EF9020V	Concealed Vertical Rod	