



Please check our website regularly for new releases in this product line

QUIET DUO™ LR100 Latch Retraction / Dogging Kit



QUIET DUO™ ELR Kit

- For Use With Fire Rated & Non Fire Rated Exit Devices
- Simultaneous Electric Latch Retraction & Dogging*
- 700 mA Inrush, 200 mA Continuous
- Quiet Mechanical and Electric Operation

Patents Pending



QUIET DUO™ LR100 Series available for these brands:

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

Refer to page 2 to confirm compatibility of Rim, Mortise, Surface & Concealed Vertical Rod for each brand.

Application

The SDC 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 - See page 2 for ordering information

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

SDC Factory Installed Kit - See page 2 for ordering information

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



SDC is not a licensee of, or affiliated or connected with any of the following companies: Von Duprin, Yale, Corbin Russwin Dor-O-Matic, Dorma, Hager, Adams Rite, PHI, K2, Cal-Royal

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
- * **IMPORTANT NOTE:** Electric pushpad depression not available with Corbin Russwin, Yale, Adams Rite and Sargent

Benefits

- Eliminates need for costly replacement of existing exit device
- Significantly less labor and costs compared to competitive retrofit kits
- Eliminates need for costly power supplies with high inrush circuitry. Compatible with UL Listed Access Control Power Supply
- Only 1 Amp SDC brand power supply required for up to 2 exit devices
- 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



SECURITY DOOR CONTROLS

sdccsecurity.com
service@sdccsecurity.com



Price & Installation

Ordering Information

SDC 6000 Series Exit Devices

Electric Latch Retraction / Dogging Device

Length	Field Retrofit Kit	Factory Installed
36"-48"	LR100SDCK	LR100SDC
32"	LR100SDCKEM	LR100SDCEM

Options: Retrofit Monitoring Kits, SPDT

	LRSDC1L	Latch Status Kit
	LRSDC1R	Pushpad/Dogging Status or REX Status Kit

Models

Standard Line		Narrow Line
S6100	Rim Mount	N6100
S6200	Surface Vertical Rod	N6200
S6300	Mortise	
S6800	Concealed Vertical Rod	N6800

Adams Rite Exit Device

Electric Latch Retraction / Dogging Device

Length	Field Retrofit Kit	Factory Installed
36"	LR100ARK	LR100AR
42"	LR100ARK42	LR100AR42
48"	LR100ARK48	LR100AR48

Models

Standard Line (Hollow Metal Doors)		Narrow Line (Hollow Metal Doors)	Fire Rated
8700	Rim Mount	8800	3700
8100	Surface Vertical Rod	8200	3100
	Concealed Vertical Rod	8600	3600

* Note: Retracts only the latch

NEW RELEASE

Design Hardware Exit Devices

Electric Latch Retraction / Dogging Device

Length	Field Retrofit Kit	Factory Installed
33"-42"	LR100DHK	LR100DH

Models

1000R	Rim Mount
1000V	Surface Vertical Rod

Detex Exit Device

Electric Latch Retraction / Dogging Device

Length	Field Retrofit Kit	Factory Installed
36"	LR100DXK	LR100DX

Models

Standard Line		Narrow Line
10 Series	Rim Mount	40 Series
20 Series	Surface Vertical Rod	50 Series
80/81 Series	Concealed Vertical Rod	62/63 Series

Arrow 1000 Series Exit Device

Electric Latch Retraction / Dogging Device

Length	Field Retrofit Kit	Factory Installed
36"	LR100AWK	LR100AW
42"	LR100AWK42	LR100AW42
48"	LR100AWK48	LR100AW48

Models

S1250	Rim Mount
-------	-----------

NEW RELEASE

Falcon 24/25 Series Exit Devices

Electric Latch Retraction / Dogging Device

Length	Field Retrofit Kit	Factory Installed
36"	LR100FRK	LR100FR

Models

Standard Line		Narrow Line
25-R / F-25-R	Rim Mount	24-R / F-24-R
25-V / F-25-V	Surface Vertical Rod	24-V / F-24-V
25-C / F-25-C	Concealed Vertical Rod	24-C / F-24-C

NEW RELEASE

Corbin Russwin ED Series Exit Devices

Electric Latch Retraction / Dogging Device

Length	Field Retrofit Kit	Factory Installed
36"	LR100CRK	LR100CR
42" or 48"	LR100CRK-42/48	LR100CR-42/48

Options: Retrofit Monitoring Kits, SPDT

	LR100CR1L	Latch Status Kit
	LR100CR1R	Pushpad/Dogging Status or REX Status Kit

* Note: Retracts only the latch

Models

ED5200	Rim Mount
ED4200	Narrow Rim Mount
ED5400	Surface Vertical Rod
ED5800	Concealed Vertical Rod

Falcon Dor-O-Matic Exit Devices

Electric Latch Retraction / Dogging Device

Length	Field Retrofit Kit	Factory Installed
36"	LR100DMK	LR100DM

Models

1590	Rim Mount
1490	Concealed Vertical Rod

Falcon Dor-O-Matic Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36"	LR100FAK	LR100FA
Models		
1790	Rim Mount	
1690	Concealed Vertical Rod	

K2 QED Series Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36"-48"	LR100K2K	LR100K2
32"	LR100K2KEM	LR100K2EM
Options: Retrofit Monitoring Kits, SPDT		
	LRK2R	Latch Status and REX Status or Pushpad/Dogging Status Kit
Models		
QED111	Rim Mount	
QED114	Surface Vertical Rod	
QED124	Concealed Vertical Rod	

Hager 4500 Series Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36"-48"	LR100HK	LR100H
32"	LR100HKEM	LR100HEM
Options: Retrofit Monitoring Kits, SPDT		
	LRH1L	Latch Status Kit
	LRH1R	Pushpad/Dogging Status or REX Status Kit
Models		
4501 - Rim	Rim Mount	
4501 - SVR	Surface Vertical Rod	

Marshall Best Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36"	LR100BSK	LR100BS
Models		
Q1100/QF1100	Rim Mount	

NEW RELEASE

IDC (International Door Closers) 8000 Series Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36"-48"	LR100IDCK	LR100IDC
32"	LR100IDCKEM	LR100IDCEM
Options: Retrofit Monitoring Kits, SPDT		
	LRIDC1L	Latch Status Kit
	LRIDC1R	Pushpad/Dogging Status or REX Status Kit
Models		
Standard Line		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

PHI (Precision Hardware) Exit Devices		
Electric Latch Retraction / Dogging Device (Less Bottom Rod)		
Length	Field Retrofit Kit	Factory Installed
36"	LR100PDK	LR100PD
Options: Retrofit Monitoring Kits, SPDT		
	LRP1L	Latch Status Kit for PHI Rim 2000 Series
	LRP2L	Latch Status Kit for PHI Vertical 2000 Series
	LRP1R	REX Status or Pushpad/Dogging Status for PHI 2000 Series
Models		
2101	Rim Mount	
2201	Surface Vertical Rod	
2801	Concealed Vertical Rod	
5100	Rim Mount	
5200	Surface Vertical Rod	

PDQ Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36"	LR100PDQK	LR100PDQ
42"	LR100PDQK42	LR100PDQ42
48"	LR100PDQK48	LR100PDQ48
Models		
6200R	Rim Mount	
6200V	Surface Vertical Rod	

Sargent Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36"-48"	LR100SGK	LR100SG
Models		
8800	Rim Mount	
8700	Surface Vertical Rod	
8600	Concealed Vertical Rod	
Options: Retrofit Monitoring Kits, SPDT		
	LRSGR	REX Status Kit

NEW RELEASE

* Note: Retracts only the latch

TownSteel ED1100 Series Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36" - 48"	LR100TSK	LR100TS
32"	LR100TSKEM	LR100TSEM
Models		
ED1100	Rim Mount	

Yale 7000 Series Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36"	LR100YDK	LR100YD
42" or 48"	LR100YDK-42/48	LR100YD-42/48
Options: Retrofit Monitoring Kits, SPDT		
	LRY1L	Latch Status Kit
	LRY1R	Pushpad/Dogging Status or REX Status Kit

* Note: Retracts only the latch

Models		
Standard Line		Narrow Line
7100	Rim Mount	7200
7100-2	Rim Mount	
7110	Surface Vertical Rod	7210
7120	Concealed Vertical Rod	

Von Duprin 98/99 and 33/35 Series Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36"-48"	LR100VDK	LR100VD
32"	LR100VDKEM	LR100VDEM
Models		
98/99	Rim Mount	
9827/9927	Surface Vertical Rod	
9847/9947	Concealed Vertical Rod	
9875/9975	Mortise	
9857/9957	Three Point latching	
9875/9975	Mortise	
9857/9957	Three Point Latching	

Von Duprin 22 Series Exit Devices		
Electric Latch Retraction / Dogging Device		
Length	Field Retrofit Kit	Factory Installed
36"-48"	LR100VDK22	LR100VD22
32"	LR100VDKEM22	LR100VDEM22
Models		
22	Rim Mount	
2227	Surface Vertical Rod	

Options: Retrofit Monitoring Kits, SPDT for Von Duprin 98/99, 33/35 and 22 Series		
	LRVD1L	Latch Status Kit for Von Duprin 98/99 and 22 Series
	LRVD2L	Latch Status Kit for Von Duprin 33/35 Series
	LRVD1R	REX Status or Pushpad/Dogging Status for Von Duprin 98/99 and 33/35 Series
	LRVD2R	REX Status or Pushpad/Dogging Status for Von Duprin 22 Series

Power Supplies

- 602RF** 1 Amp, 12/24VDC Power Supply, UL 294 Listed
For use with up to two 24VDC devices
Add one EMC sequencer for 2 single or 1 pair of automatic doors.
- 632RF** 2 Amp, 12/24VDC Power Supply, UL 294 Listed
For use with up to four 24VDC devices
Add two EMC sequencers for 4 single or 2 pairs of automatic doors

Two Door Sequencer

EMC 2 Station Door Sequencer
Each EMC provides interface and sequencing for two single or one double automatic door. Not required for manual doors.

Power Transfer Devices

- PTH-4Q** Power Transfer hinge, UL Listed, Fire Rated
- PTH-10Q** Power Transfer hinge, UL Listed, Fire Rated
- PT-5** Mortise Power Transfer Device, UL 294 Listed, Fire Rated
- PT-3V** Stainless steel door loop with surface wire junction
- PTM-2** Electric Power Transfer Device, (2) 18 GA wires, 5 Amp Max., UL Listed, Fire Rated
- PTM-10** Electric Power Transfer Device, (10) 24 Ga. wires, 1 Amp Max., UL Listed, Fire Rated

