



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 # US 8,851,530



### QUIET DUO™ LR100 Series available for these brands:

- Von Duprin
- Yale
- Corbin Russwin
- Dor-O-Matic
- Hager
- Adams Rite
- K2
- PHI
- IDC
- TownSteel
- Arrow
- Dorma
- 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

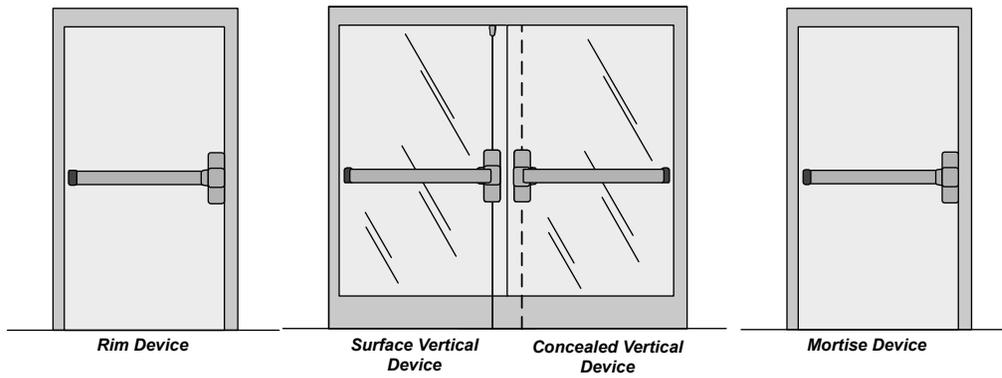


## SECURITY DOOR CONTROLS

sdccsecurity.com  
service@sdccsecurity.com



Price & Installation



**Ordering Information**

<b>Adams Rite Exit Device</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100ARK	LR100AR
<b>Models</b>		
Rim Mount	8700 / 8800 / 3700	
Surface Vertical Rod	8100 / 8200 / 3100	
Concealed Vertical Rod	8600 / 3600	

\* Note: Retracts only the latch

<b>Detex Exit Device</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100DXK	LR100DX
<b>Models</b>		
Rim Mount	10 / 40 Series	
Surface Vertical Rod	20 / 50 Series	
Concealed Vertical Rod	80 / 60 Series	

<b>Arrow 1000 Series Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100AWK	LR100AW
<b>Models</b>		
Rim Mount	S1250	
Surface Vertical Rod	S1150	

<b>Dorma Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"- 48"	LR100DAK	LR100DA
<b>Models</b>		
Rim Mount	9300	
Surface Vertical Rod	9400	

<b>Corbin Russwin ED Series Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100CRK	LR100CR
42" - 48"	LR100CRK-42/48	LR100CR-42/48
<b>Models</b>		
Rim Mount	ED5200 / ED4200	
Surface Vertical Rod	ED5400	
Concealed Vertical Rod	ED5800	

<b>Falcon 24/25 Series Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100FRK	LR100FR
<b>Models</b>		
Rim Mount	25-R / F-25-R / 24-R / F-24-R	
Surface Vertical Rod	25-V / F-25-V / 24-V / F-24-V	
Concealed Vertical Rod	25-C / F-25-C / 24-C / F-24-C	

<b>Options</b>	
LR100CR1L	Latch Status Kit
LR100CR1R	Pushpad/Dogging Status or REX Status Kit

\* Note: Retracts only the latch

<b>Design Hardware Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"- 48"	LR100DHK	LR100DH
<b>Models</b>		
Rim Mount	1000R	
Surface Vertical Rod	1000V	

<b>Falcon Dor-O-Matic Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100FAK	LR100FA
<b>Models</b>		
Rim Mount	1790	
Concealed Vertical Rod	1690	
<b>Options</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100DMK	LR100DM
<b>Models</b>		
Rim Mount	1590	
Concealed Vertical Rod	1490	

<b>Hager 4500 Series Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"- 48"	LR100HK	LR100H
30"	LR100HEM	LR100HEM
<b>Models</b>		
Rim Mount	4501 - Rim	
Surface Vertical Rod	4501 - SVR	
<b>Options</b>		
LRH1L	Latch Status Kit	
LRH1R	Pushpad/Dogging Status or REX Status Kit	

<b>IDC (International Door Closers) 8000 Series Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"- 48"	LR100IDCK	LR100IDC
30"	LR100IDCKEM	LR100IDCEM
<b>Models</b>		
Rim Mount	8610 / 8810 / 8510 / 8710	
Surface Vertical Rod	8630 / 8830 / 8530 / 8730	
Mortise	8620 / 8820	
Concealed Vertical Rod	8650 / 8850 / 8550 / 8750	
<b>Options</b>		
LRIDC1L	Latch Status Kit	
LRIDC1R	Pushpad/Dogging Status or REX Status Kit	

<b>K2 QED Series Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"- 48"	LR100K2K	LR100K2
30"	LR100K2KEM	LR100K2EM
<b>Models</b>		
Rim Mount	QED111	
Surface Vertical Rod	QED114	
Concealed Vertical Rod	QED124	
<b>Options</b>		
LRK2R	Latch Status and REX Status or Pushpad/Dogging Status Kit	

<b>Marshall Best Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100MBSK	LR100MBS
<b>Models</b>		
Rim Mount	Q1100/QF1100	
Surface Vertical Rod	Q1200/QF1200	

<b>PDQ Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100PDQK	LR100PDQ
<b>Models</b>		
Rim Mount	6200R	
Surface Vertical Rod	6200V	

<b>PHI (Precision Hardware) Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100PDK	LR100PD
<b>Models</b>		
Rim Mount	2101	
Surface Vertical Rod	2201	
Concealed Vertical Rod	2801	
Rim Mount	5100	
Surface Vertical Rod	5200	
<b>Options</b>		
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	

<b>Sargent Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"- 48"	LR100SGK	LR100SG
30"	LR100SGKEM	LR100SGEM
<b>Models</b>		
Rim Mount	8800	
Surface Vertical Rod	8700	
Concealed Vertical Rod	8600	

\* Note: Retracts only the latch

<b>SDC 6000 Series Exit Devices</b>		
Opening for	Field Retrofit Kit	Factory Installed
36"-48"	LR100SDCK	LR100SDC
30"	LR100SDCKEM	LR100SDCEM
<b>Models</b>		
Rim Mount	S6100	
Surface Vertical Rod	S6200	
Mortise	S6300	
Concealed Vertical Rod	S6800	
<b>Options</b>		
LRSDC1L	Latch Status Kit	
LRSDC1R	Pushpad/Dogging Status or REX Status Kit	

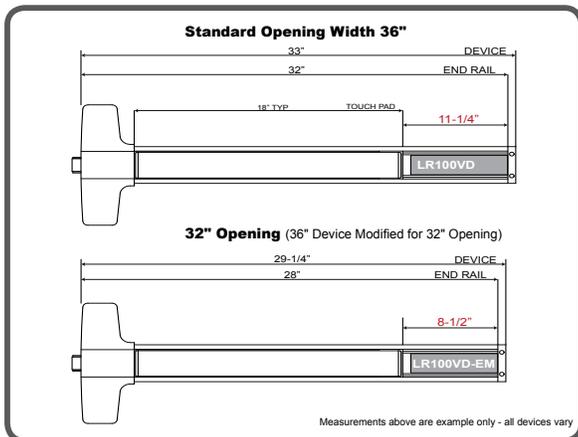
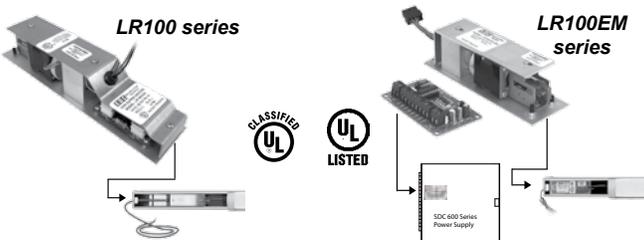
TownSteel ED1100 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100TSK	LR100TS
30"	LR100TSKEM	LR100TSEM
Models		
Rim Mount		ED1100
Concealed Vertical Rod		ED1300

Von Duprin 98/99 and 33/35 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100VDK	LR100VD
30"	LR100VDKEM	LR100VDEM
Models		
Rim Mount		98/99
Surface Vertical Rod		9827/9927
Concealed Vertical Rod		9847/9947
Mortise		9875/9975
Three Point latching		9857/9957

Von Duprin 22 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" 48"	LR100VDK22	LR100VD22
30"	LR100VDKEM22	LR100VDEM22
Models		
Rim Mount		22
Surface Vertical Rod		2227
Options		
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	

Yale 7000 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100YDK	LR100YD
42" - 48"	LR100YDK-42/48	LR100YD-42/48
Models		
Rim Mount		7100, 7102, 7200
Surface Vertical Rod		7110, 7210
Concealed Vertical Rod		7120
Options		
LR1L	Latch Status Kit	
LR1R	Pushpad/Dogging Status or REX Status Kit	

\* Note: Retracts only the latch



**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