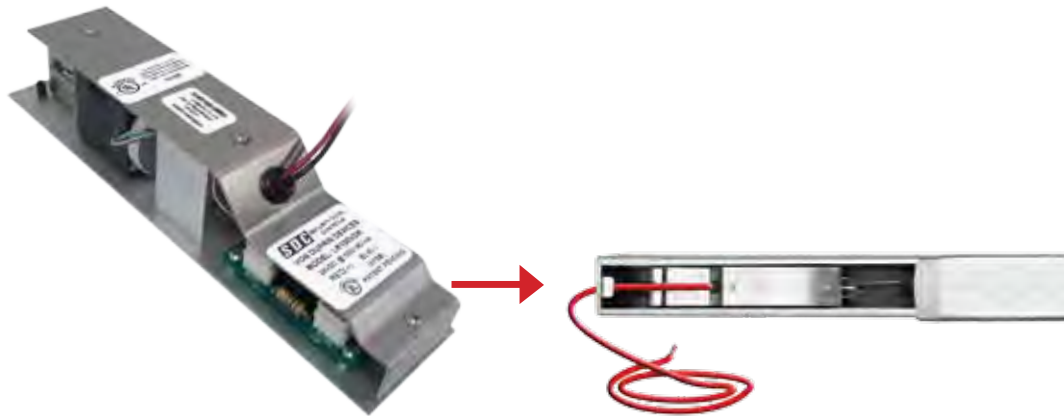


Quiet Duo™ Series

LR100 24V Latch Retraction / Dogging Kit

SDC DESIGNED AND MANUFACTURED

Patents # US 8,851,530



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.

QUIET DUO™ LR100 Series available for these brands:

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

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

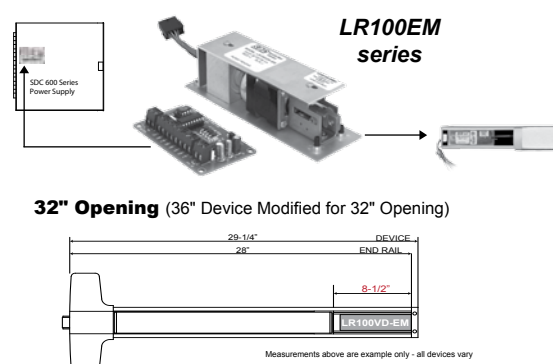
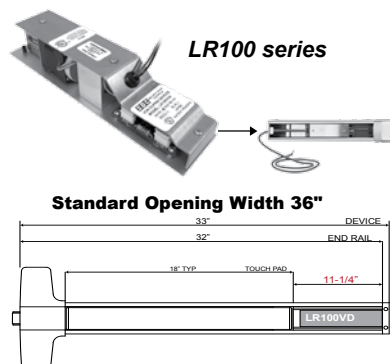


FEATURES

- 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

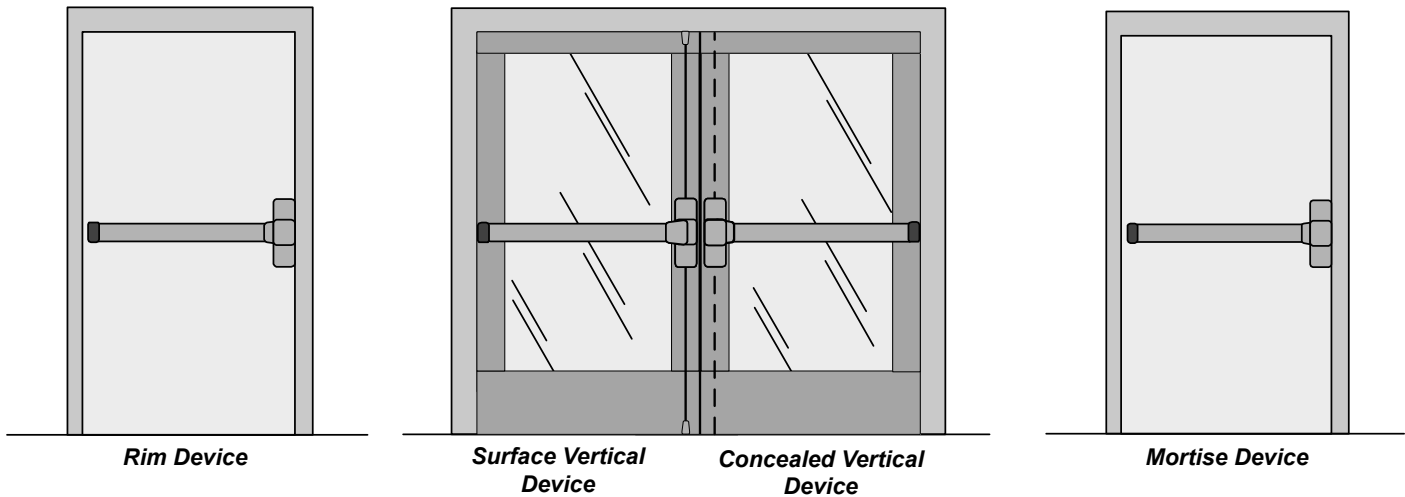
* on designated models

- 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



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MODELS

(Brands in alphabetical order)

Adams Rite Exit Device		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100ARK	LR100AR
30"	LR100ARK-EM	LR100AR-EM
Models		
Rim Mount	8700** / 8800 / 3700	
Surface Vertical Rod	8100 / 8200 / 3100	
Concealed Vertical Rod	8500 / 8600 / 3600	
Options		
LRAR1R	REX Status Status Kit	

* Note: Retracts only the latch ** Works With EM version ONLY

Corbin Russwin			ED Series Exit Devices	
Opening for	Field Retrofit Kit		Factory Installed	
36"	LR100CRK		LR100CR	
30"	LR100CRK-EM		LR100CR-EM	
42" - 48"	LR100CRK-42/48		LR100CR-42/48	
Models				
Rim Mount		ED5200 / ED4200		
Surface Vertical Rod		ED5400		
Concealed Vertical Rod		ED4800 / ED5800		
Options				
LRCR1L		Latch Status Kit		
LRCR1R		REX Status Kit		

* Note: Retracts only the latch

Arrow 1000 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100AWK	LR100AW
Models		
Rim Mount	S1250	
Surface Vertical Rod	S1150	
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100AWK-ED910	LR100AW-ED910
Models		
Rim Mount	ED910	

Cal-Royal Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100CAK	LR100CA
Models		
Rim Mount	7700 / F7700	
Surface Vertical Rod	7760 / F7760	
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100CAK-9800	LR100CA-9800
Models		
Rim Mount	GLS9800	
Concealed Vertical Rod	GLSCVR9800	
Opening for	Field Retrofit Kit	Factory Installed
30"	LR100CAK-EM	LR100CA-EM
Models		
Rim Mount	2200 / F2200 / 9800 / F9800	
Surface Vertical Rod	2260 / F2260 / 9860 / F9860	



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

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

Dorma Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100DAK	LR100DA
Models		
Rim Mount	9300 / F9300	
Surface Vertical Rod	9400 / F9400	

Falcon 24/25 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100FRK	LR100FR
Models		
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	

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

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

IDC (International Door Closers)

8000 Series Exit Devices

Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100IDCK	LR100IDC
30"	LR100IDCK-EM	LR100IDC-EM

Models

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

Options

LRIDC1L	Latch Status Kit
LRIDC1R	Pushpad/Dogging Status or REX Status Kit

Jackson 2000 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100JAK	LR100JA
Models		
Rim Mount		2095
Concealed Vertical Rod (top latch)		2085
Concealed Vertical Rod (top bolt)		2086

Parts provided - 628 finish only

Marks Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100MDK	LR100MD
Models		
Rim Mount		M9900
Surface Vertical Rod		M9900VR

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

Pamex Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100PAK	LR100PA
30"	LR100PAK-EM	LR100PA-EM
Models		
Rim Mount		EF9000
Surface Vertical Rod		EF9000V
Concealed Vertical Rod		EF9020V

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

PHI (Precision Hardware) Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100PDK	LR100PD
Models		
Rim Mount		2100 / 2400
Surface Vertical Rod		2200 LBR
Concealed Vertical Rod		2800 LBR / 2600
Rim Mount		5100
Surface Vertical Rod		5200 LBR
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	

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

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



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

Tell Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100TEK	LR100TE
Models		
Rim Mount	9500	
Surface Vertical Rod	9400	

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

Von Duprin 22 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100VDK-22	LR100VD-22
30"	LR100VDK-22-EM	LR100VD-22-EM
Models		
Rim Mount	22	
Surface Vertical Rod	2227	
Options		
LRVD1L	Latch Status Kit for 22 Series	
LRVD2R	REX Status or Pushpad/Dogging Status for 22 Series	

Von Duprin 98/99 and 33/35 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100VDK	LR100VD
30"	LR100VDK-EM	LR100VD-EM
Models		
Rim Mount	98/99	33A / 35A
Surface Vertical Rod	9827/9927	3327A / 3527A
Concealed Vertical Rod	9847/9947	3347A / 3547A
Mortise	9875/9975	
Three Point latching	9857/9957	
Options		
LRVD1L	Latch Status Kit for Von Duprin 98/99	
LRVD2L	Latch Status Kit for Von Duprin 33/35 Series	
LRVD1R	REX Status or Pushpad/Dogging Status for Von Duprin 98/99 Series and Von Duprin 33/35 Series	

Yale 7000 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100YDK	LR100YD
30"	LR100YDK-EM	LR100YD-EM
42" - 48"	LR100YDK-42/48	LR100YD-42/48
Models		
Rim Mount	7100, 7100-2, 7200	
Surface Vertical Rod	7110, 7210	
Concealed Vertical Rod	7120, 7220	
Options		
LRY1L	Latch Status Kit	
LRY1R	REX Status Kit	

* Note: Retracts only the latch