

# Series 1500

## Electric Exit Devices

---

Von Duprin

Corbin Russwin

Sargent

Yale

Dorma

Hager

Jackson

DormaKaba Commercial Hardware

BEST

Design Hardware

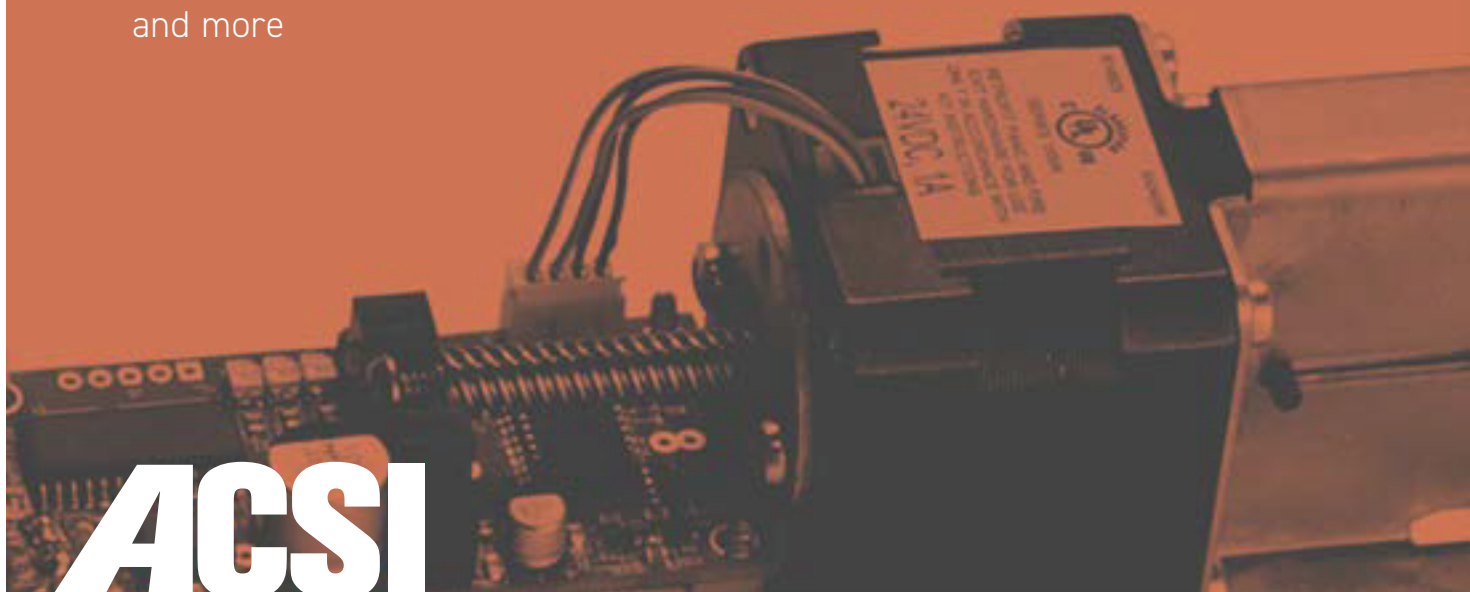
PDQ

First Choice

Falcon

Arrow

and more



2720 Clark Avenue  
St. Louis, MO 63103  
(314) 652-5588  
(314) 652-2090 FAX

[www.acsi-inc.com](http://www.acsi-inc.com)

1-800-753-5558

## Series 1500 | Electric Exit Devices

You supply the exit device and ACSI supplies high quality UL Listed modifications to a wide range of manufacturers' exit devices. ACSI engineers and technicians are available to provide system design, wiring diagrams, and a variety of technical services.

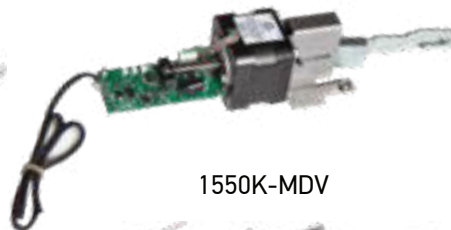
### 1550-MD Electric Motor Latch Retraction

ACSI Series 1550-MD Electric Motor Latch Retraction modification/kit provides a remote means of locking or unlocking exit devices.

- Simultaneous electric latch retraction and dogging (push bar depressed)
- UL Listed for both panic and fire exit hardware
- Available for mortise, rim, concealed and surface vertical rod exit devices
- Field or factory installed
- Quiet operation
- Continuous duty rated
- Low power consumption
- 24VDC operation
  - ACSI Series 1400 power supplies recommended
- Interface with life-safety systems
- Non-polarized leads
- On-board diagnostic LEDs
- Automatic retry



1550K-MDS



1550K-MDV



1550K-MDC



1550K-MDF



1550K-MDT



1550K-MDD



1550K-MDP



1550K-MDH



1550K-MDO

Model	Manufacturer's Series	
1550K-MDV	Von Duprin 33A/35A, 98/99	
1550K-MDV22	Von Duprin 22	
1550K-MDC	Corbin Russwin ED4000, ED5000, Yale 7000	
1550K-MDD	Dorma 9000	
1550K-MDT	Hager 4500, 4600 PDQ 6200 DormaKaba Commercial QED100, QED200	
1550K-MDO	Falcon 1690, 1790 First Choice 3600, 3700	
1550K-MDS	Sargent 80 Arrow 1000, 3000, 4000	
1550K-MDP	Best Precision 2000, 5000	
1550K-MDF	Falcon 24, 25	
1550K-MDH	Design Hardware 1000 MARKSUSA M9900	
1550K-MDY	Yale 6000	
1550K-MDAEX	Adams Rite EX76, EX76W, EX88, EX88W	
1550K-MDX	Dorex 9500	
1550K-MDA*	Adams Rite 3000, 8000	
1550K-MDR*	Regent 5700	
1550K-MDJ*	Jackson 20	

\*Not available as a field installable kit. Factory installation required.

1-800-753-5558



## Series 1500 | Electric Exit Devices

### 1560/1570 Electric Trim Control

ACSI Series 1560/1570 Electric Trim Control modification provides a remote means of locking or unlocking outside lever handle trims of exit devices.

- Fail Safe (Power Lock)
  - Outside trim is locked when power is applied and unlocked when power is removed. Trim control will unlock in the event of a power failure.
- Fail Secure (Power Unlock)
  - Outside trim is unlocked when power is applied and locked when power is removed. Trim control will lock in the event of a power failure.
- Continuous duty rated
- Low power consumption
- 24VDC, 24VAC, 12VDC, or 12VAC operation
  - ACSI Series 1400 power supplies recommended
- Interface with life-safety systems



1570-996L-24VAC/DC

### 1510/1520 Electric Mortise Exit Control

ACSI Series 1510/1520 Electric Mortise Exit Control modification provides a remote means of locking or unlocking mortise exit devices.

- UL Listed
- Fail Safe (Power Lock)
  - Outside trim is locked when power is applied and unlocked when power is removed. Lockset will unlock in the event of a power failure.
- Fail Secure (Power Unlock)
  - Outside trim is unlocked when power is applied and locked when power is removed. Lockset will lock in the event of a power failure.
- Continuous duty rated
- Low power consumption
- 24VDC, 24VAC, 12VDC, or 12VAC operation
  - ACSI Series 1400 power supplies recommended
- Interface with life-safety systems



ME1520C-00-1-7500-24VAC/DC

## Series 1500 | Electric Exit Devices

### Electric Exit Device Modification Listing

**Note:** If you do not find the lock of your choice listed, please consult with our factory engineering staff. We may request that you send a sample for further evaluation.

Arrow	Corbin Russwin	Dorma	Falcon	BEST	Sargent	Von Duprin	Yale
1000, 3000	ED4000	9000	24, 25	2000	80	33A/35A**	7000
4000	ED5000		1690, 1790	5000		22, 98/99**	6000
Adams Rite	Design Hardware	Hager	Jackson	PDQ	Regent	DormaKaba Commercial Hardware	
3000	1000	4500	20	6200	5700	QED100, QED200	
EX76, EX76W, EX88, EX88W		4600					
Dorex	First Choice	MARKSUSA					
9500	3600, 3700	M9900					

\*\* Not available in Von Duprin 48 function.

# Series 1500 | Electric Exit Devices

## How to Order

1 EXIT DEVICE	2 MODIFICATION #	3 LOCK PART #	4 OPERATING VOLTAGE	5 OPTIONS	6 QUICK CONNECT SYSTEM	7 HANDING
RE	1550-MD	FULL PART	24VDC	AE	QC1	LHR
VR	1560	NUMBER	24VAC/DC	LM	QC2	RHR
ME	1570		12VDC		QC3	
	1510		12VAC/DC			
	1520					

## Examples:

1 EXIT DEVICE	2 MODIFICATION #	3 LOCK PART #	4 OPERATING VOLTAGE	5 OPTIONS	6 QUICK CONNECT SYSTEM	7 HANDING
RE	1550-MD	8800 (SARGENT)		LM	QC2	RHR
ME	1520	9975 (VON DUPRIN)	12VAC/DC		QC3	LHR
VR	1570	7120 (YALE)	24VDC	AE	QC1	RHR

### 1. Exit Device

(Select type of lock to be modified) ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

RE	Rim Exit Device	
VR	Vertical Rod Exit Device	
ME	Mortise Exit Device	

### 2. Modification Number

(Select type of lock modification required) ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

1550-MD	Motor Latch Retraction	
1560	Fail Safe Trim Control	
1570	Fail Secure Trim Control	
1510	Fail Safe Mortise Exit Control	
1520	Fail Secure Mortise Exit Control	

### 3. Lock Part Number

(Enter manufacturers full part number) ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

### 4. Operating Voltage

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Required for 1510/1520/1560/1570 modifications

24VDC	
24VAC/DC	
12VAC/DC	

### 5. Options

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

AE	<b>Authorized Egress</b> Monitors the use of the push bar. The AE Switch can be used to: <ul style="list-style-type: none"> <li>• Signal a control console when the push bar is depressed</li> <li>• Activate a door alarm</li> <li>• Control an electromagnetic lock for egress</li> <li>• Shunt a door alarm to allow egress</li> </ul>	
LM	<b>Latch Bolt Monitor</b> Monitors the full extension of the latch bolt or rods.	

### 6. Quick Connect System

(Select type of system to be modified) ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

QC1	ACSI Quick Connect System	
QC2	ASSA ElectroLynx® System	
QC3	Allegion Connect System	

### 7. Handing

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

RHR	Right Hand Reverse	
LHR	Left Hand Reverse	

1-800-753-5558

# Series 1500 | Electric Exit Devices

## Motor Electric Latch Retraction Comparison Chart

Manufacturer	Latch Retraction Part #	Power Supply Part #	Latch Bolt Monitor Part #	Request-to-Exit
ACSI	1550-MD	1420, 1440, 1451, 1452	LM	AE
Von Duprin	QEL	902	LX	RX
Sargent	56	3510	53	55
Dorma	MLR	PS532RF	LM	MS
Adams Rite	SE	PS-SE	LM	M1
Hager	MLR	2903, 2904	LM	RX
Corbin Russwin	MELR	BPS-24	M91	M92
BEST	MLR	RPSMLR2	LS	TS

## Exit Device Switch Kits

ACSI Series K Switch Kits are field installed in exit devices. Series K Switch Kits include a SPDT (Single Pole Double Throw) switch assembly with long wire leads and easy-to-follow installation instructions. K Switch Kits may be used to:

- Provide instant release of magnetic locks for free egress
- Activate a door alarm
- Signal a control console when the push bar of an exit device is depressed
- Shunt a door alarm to allow free egress

Model	Manufacturer	
K-100	Von Duprin 22, 33A/35A, 98/99	
K-200	Von Duprin 22, 33A/35A, 98/99 (2-SPDT switches)	
K-123	Latch Bolt Monitor for Von Duprin 33A/35A, 98/99	
K-102	Von Duprin 88	
K-103	Sargent 80, Arrow 1000, 3000, 4000 Dorex 9500	
K-203	Arrow 1000, 3000, 4000 Sargent 80 (1-DPDT switch) Dorex 9500	
K-104	Sargent 9600, 9700, 9800, 9900	
K-105	Sargent 9300, 9400, 9500	
K-106	Adams Rite 3000, 8000	
K-107	Corbin Russwin 8000 Yale 2100	
K-108	Jackson 1085, 1095	
K-109	Corbin Russwin ED4000, ED5000 Yale 7000	
K-110	Monarch 18, 19	
K-111	Doromatic 990, 1090	

Model	Manufacturer	
K-112	Doromatic 1490, 1590	
K-124	Best Precision 2000, 5000	
K-125	Dorma 9000	
K-126	Hager 4500, 4600 PDQ 6200 DormaKaba Commercial QED100, QED200	
K-226	Hager 4500, 4600 PDQ 6200 DormaKaba Commercial QED100, QED200 (2 SPDT switches)	
K-128	Design Hardware 1000 Mark USA M9900	
K-129	Falcon 24, 25	
K-130	Jackson 20	
K-131	Falcon 1690, 1790	
K-132	Adams Rite EX76, EX76W, EX88, EX88W	
K-133	Yale 6000	

1-800-753-5558

# Series 1500 | Electric Exit Devices

## Electrical Specifications

### 1550-MD Motor Latch Retraction

- 24VDC, 1A Inrush, 400mA Holding

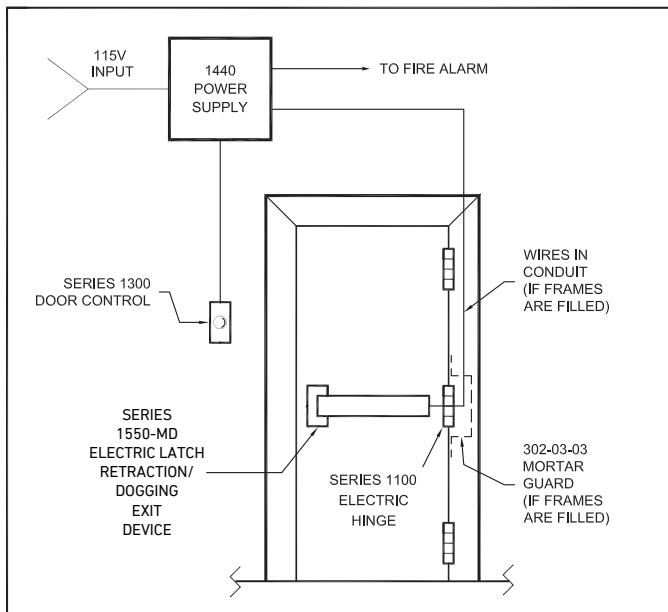
### 1510/1520

- 12VAC/DC, 612mA
- 24VAC/DC, 330mA

### 1560/1570

- 12VAC/DC, 612mA
- 24VAC/DC, 330mA

## Series 1550 Typical Installation



## ACSI Automated Door Opening System

