

Electrified Exit Devices

ED5000

M61 Exit Alarm



Activation

Alarm is armed by turning key clockwise. Low audible chirp indicates alarm has been activated. Alarm will sound when the exit device pushpad is depressed. Factory preset for standard alarm mode which automatically resets after 5 minutes.

Continuous Alarm Mode

Alarm sounds continuously when the exit device pushpad is depressed. Alarm must be manually reset by keyswitch. (This feature is selected by a switch on the circuit board.)

Low Battery Warning

Audible chirp. Every 30 seconds.

Warning Decal

"EMERGENCY EXIT-ALARM WILL SOUND" provided.

Nuisance Alarm

Units are factory preset for instant alarm. Selectable feature for alarm to sound when exit device touchbar is depressed for more than 2 seconds. (This feature is selected by a switch on the circuit board.)

Kit

Available in kit form for field retrofit except surface vertical rods. Order ED50AK.

Arming Delay/Authorized Egress

A 10-second delay (after arming) permits egress (by turning key clockwise).

Alarm Shunt

Ingress shunt alarm input for devices with signal & outside trim monitors (M91 & M93).

Power Requirements

One 9-volt battery (included).

Alarm Strength

90db @ 10 feet.

Arm/Disarm

Requires one 1-1/8" A02 cam mortise cylinder. Clockwise turn arms the alarm, counterclockwise turn disarms or silences the alarm. Low audible chirp indicates alarm has been activated.

ED5000.40

Device Status

A Red LED indicator will illuminate every 30 seconds when the alarm is armed.

Tamper Resistant

Built-in safety monitor sounds alarm when tampering occurs.

Cylinders

Mortise 1-1/8" A02 Cam. Cylinder not included unless specified. See Quick Codes, page 54.

Door Width

Available for 36"-48" devices only. Not available with devices less than 36". 48" device can be cut to fit 42"-48" door.

Quick Code

M61

Alarm Kit

ED50AK

ED50AK x W048 (48" devices) optional

Hard Wired Option

A hard wired option is available by using a 9VDC output power supply and a remote power harness. Specify 784 to order the 9VDC output power supply. See page 45 for 784 power supply information. Specify 709F989 to order the remote power harness for a 36" device and specify 709F999 to order the remote power harness for a 48" device.

Exceptions

The ED50AK for the ED5000 series exit devices cannot be retrofitted in the field to the ED5400/5470 series surface vertical rod exit devices.

The alarm option is available for the surface vertical rod devices by factory order only. To order, add the quick code suffix M61 to the device number; for example, ED5470 x M61.

Please note, in accordance with Corbin Russwin's standard limited warranty, any attempt to retrofit the ED50AK to a

surface vertical rod exit device will void the warranties for these products.

Surface vertical rod exit devices with alarm kit cannot be ordered with M91, M92 or M93.

How to Order

Ordering example for Exit Device

ED5400	626	M61
↓	↓	↓
Device	Finish	Quick Code for Alarm Option (Cylinder Not Included)

Ordering Example for Alarm Kit Only

ED50AK	626	W048
↓	↓	↓
Alarm Kit	Finish	Door Width (Cylinder Not Included)

NOTE: Dogging not available with M61 option and ED50AK alarm kit.

Quick Codes

ED5000

Key Removable Mullions

Description	Specify
Up to 7'0" Steel Mullion - 1-1/2 Hour Fire Rated	907BKM ¹
Up to 8'0" Steel Mullion - 1-1/2 Hour Fire Rated	908BKM ¹
Up to 10'0" (ED5200, ED5200S only) Steel Mullion - Panic Rated	910KM ¹
Up to 7'0" Steel Mullion - 3 Hour Fire Rated, Windstorm Certified	WS707AKM ¹
Up to 8'0" Steel Mullion - 3 Hour Fire Rated, Windstorm Certified	WS708AKM ¹

Note:

1. For use with UL listed door assemblies that comply to FEMA 361 and FEMA 320 guidelines. For the latest listings on compliant door assemblies visit our website at corbinrusswin.com

Removable Mullions

Description	Specify
Up to 7'0" Steel Mullion - Panic Rated	907
Up to 8'0" Steel Mullion - Panic Rated	908
Up to 10'0" (ED5200, ED5200S only) Steel Mullion - Panic Rated	910
Up to 7'0" Steel Mullion - 3 Hour Fire Rated	907A
Up to 8'0" Steel Mullion - 3 Hour Fire Rated	908A
Up to 7'0" Steel Mullion - 3 Hour Fire Rated, Windstorm Certified	FE707A ¹
Up to 8'0" Steel Mullion - 3 Hour Fire Rated, Windstorm Certified	FE708A ¹

Note:

1. Cylinder and collars not included, specify separately. See page 54.

Electrified Options for Exit Devices

Description	Specify
Motorized Electric Latch Retraction	MELR
Exit Alarm Device (cylinder not included)	M61
Bolt Position Monitoring	M91
Request to Exit/Touchbar Monitoring or Signaling	M92
Outside Trim Monitoring or Signaling	M93
Electric Dogging	M97
Mortise Device Lock with Outside Trim Control (Fail Safe)	SAF*
Mortise Device Lock with Outside Trim Control (Fail Secure)	SEC*
Delayed Egress (15 second delay standard)	D
30 second delay (may be accepted by local jurisdiction) (with "D" option only)	M88
BOCA 15-second delay (with "D" option only)	M89
BOCA 30-second delay (with "D" option only)	M90
Security Monitor	M98 [^]
Trim Gasket	M99

*Only available with ED5600L and 5600(A)L

[^]9903/9905 trims only.

Electrified Accessories

Description	Part Number
Controller (Required for Electric Latch Pullback(M94))	782
Power supply 1.0 Amp @ 12 VDC output	BPS-12-1
Power supply 3.0 Amp @ 12 VDC output	BPS-12-3
Power Supply 1 Amp @ 24 VDC Output	BPS-24-1
Power Supply 2 Amp @ 24 VDC Output	BPS-24-2
Power Supply 4 Amp @ 24 VDC Output	BPS-24-4
SPDT Maintained Switch	MKA
SPDT Momentary Switch	MK
SPDT Momentary NS Switch	MKN
DPDT Momentary Switch	MK2
DPST Maintained (Al. Action) Switch	PB3EA
Sonalert 90lbs. @ 2 ft. 12-24VDC mounted on one gang stainless steel plate	PZ1
Alarm Kit (cylinder is not included)*	ED50AK
Concealed transfer for over 120° swing doors	EPTL