



## **EMLock EZ Kits**

### **Field Upgradeable Option Modules for 1511, 1513, 1571, 1573**

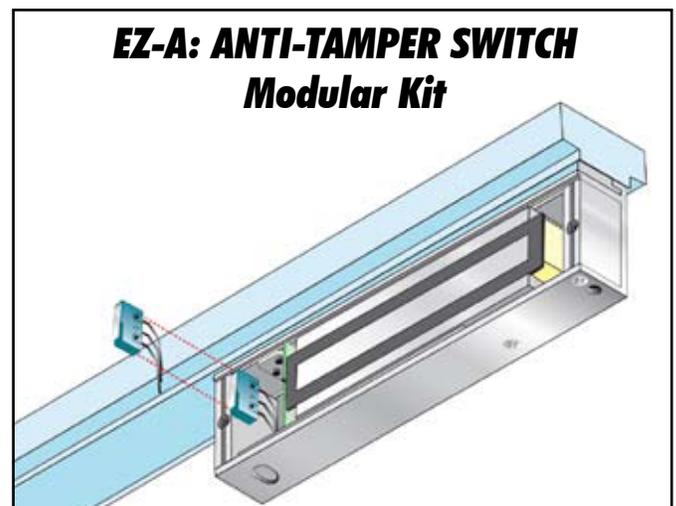
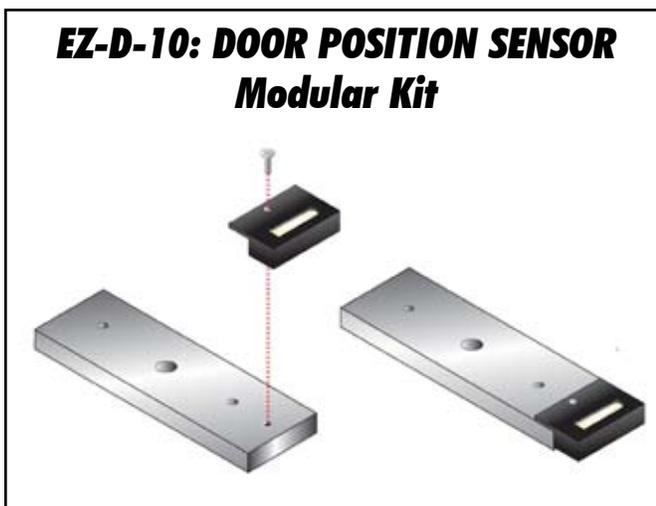
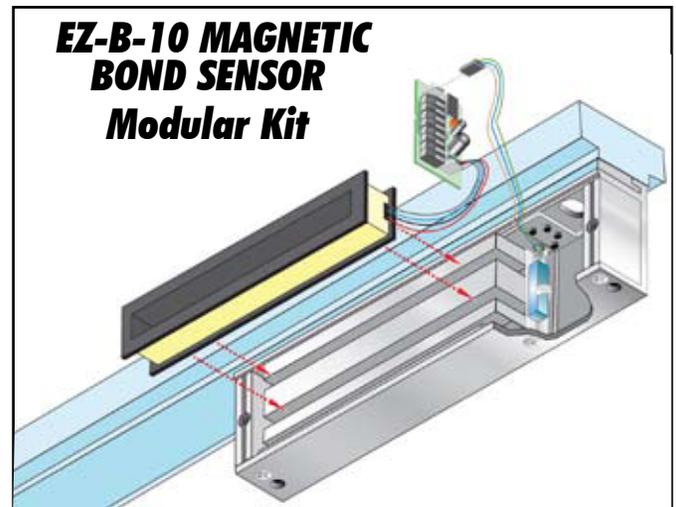
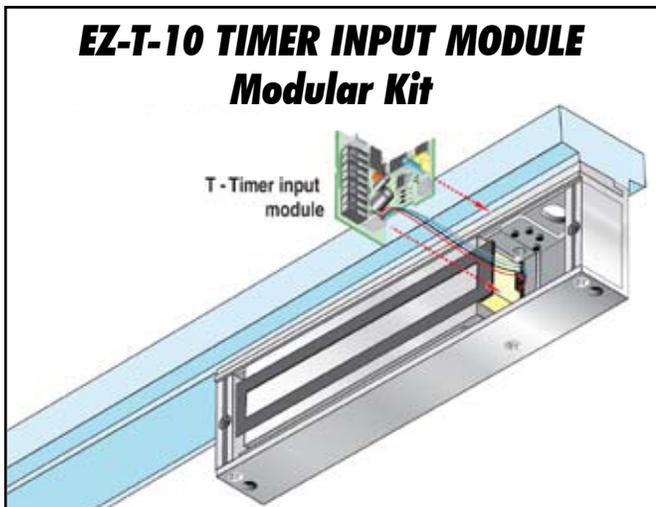
SDC's patented EMLock design represents the pinnacle of magnetic lock evolution. The modular EMLock assembly makes them easy to stock, install, upgrade and maintain.

#### **Field Upgradeable by Distributors, Installers and Maintenance Staff**

No need to ever remove a lock from the frame to upgrade or exchange internal components.

#### **FIELD UPGRADE**

- Relock Delay Timer
- Magnetic Bond Sensor
- Door Status Sensors
- Anti-Tamper Switch
- Holding Force Upgrade
- Energy Saver Upgrade



# EZ-T-10 TIMER INPUT MODULE Modular Kit

**Relock Delay Timer**, Adjustable 1 to 30 Seconds.

**Application:** The Timer Input Module delays relocking of access controlled doors to provide persons ample time needed for entry or egress. Momentary interruption of power to the lock input activates the timer module.

Momentary, N.C. Dry Contact required. Contact actuation unlocks the door for 1 – 30 seconds.

**1 Remove cover plate screws**

**2 Remove cover plate**

**3 Carefully lift input module from case**

**4 Disconnect magnetic cord wires and remove input module**

**5 Attach magnetic core wire connector to timer module**

**6 Position timer module between posts**

**7 T - Timer module wiring**

**8 Adjustable 1 - 30 Seconds**  
Typical factory setting approximately 5 seconds  
Turn clockwise to increase time

**9 Attach cover plate**



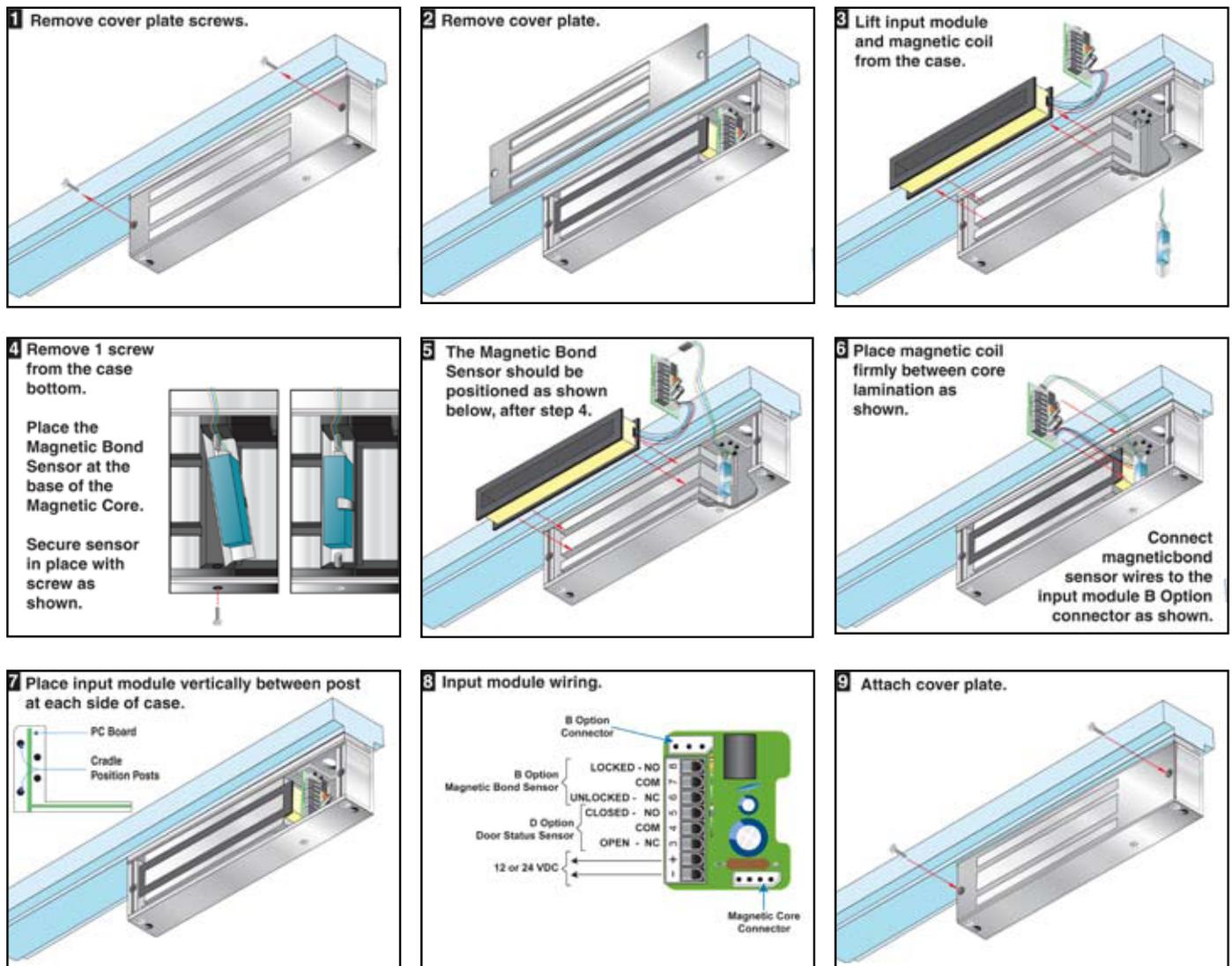
## EZ-B-10 MAGNETIC BOND SENSOR Modular Kit

\* Not available for 1513, 1573

While a Door Status Sensor indicates the door is open or closed, SDC's Magnetic Bond Sensor provides higher security monitoring by indicating the locked / unlocked mode, tampering and low holding force. The use of both the door status and magnetic bond sensor is recommended for high security applications.

**Application:** Lock secure status annunciation, mantrap system logic, CCTV camera activation.

**Output:** SPDT Dry Contact, 250 mA @ 12/24VDC



# EZ-D-10: DOOR POSITION SENSOR Modular Kit

**Indicates the door is open and closed.**

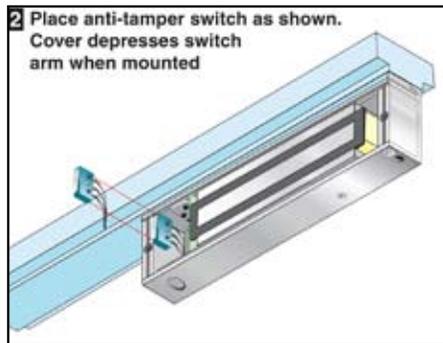
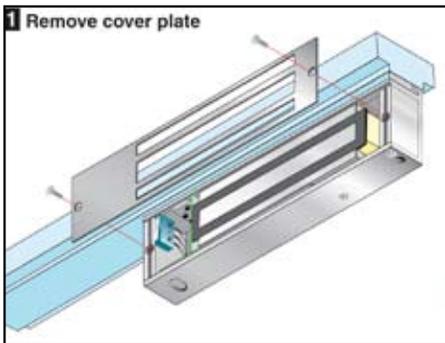
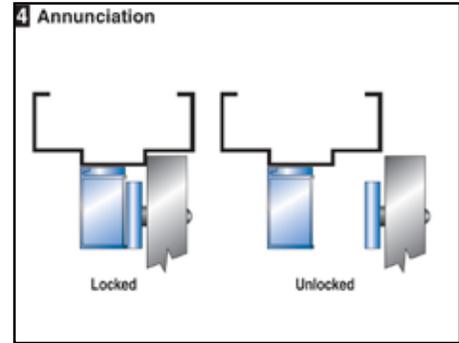
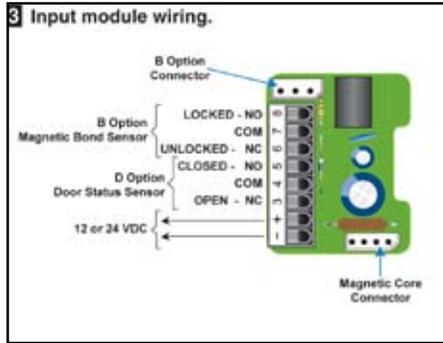
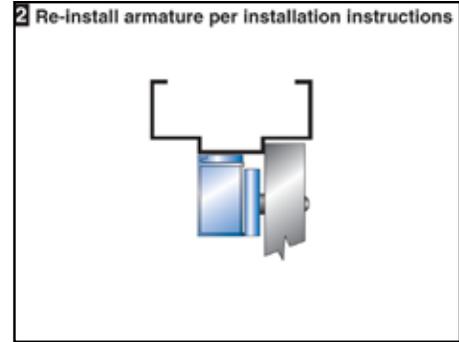
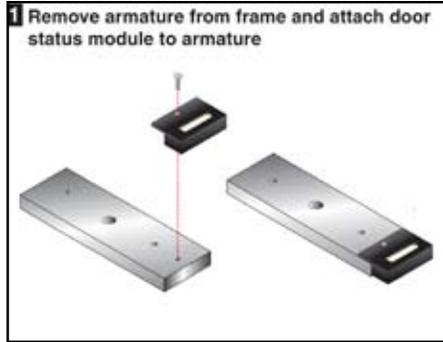
\* Not available for 1513, 1573

**Application:**

Door position status annunciation, anti-tailgating, interlock, mantrap and communicating bathroom system logic.

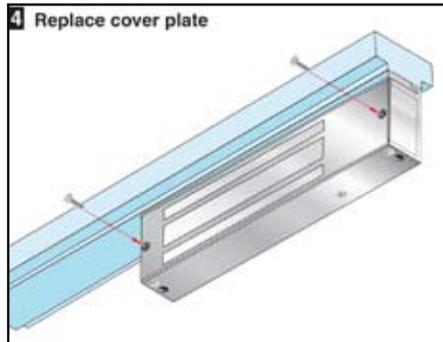
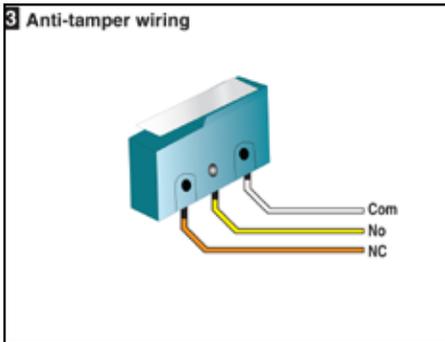
**Output:**

SPDT Dry Contact, 250 mA @ 12/24VDC



# EZ-A: ANTI-TAMPER SWITCH - Modular Kit

**Indicates cover plate removal**



**Output:**

SPDT Dry Contact, 3 Amp @ 12/24VDC



## EZ – 1510W Holding Force Upgrade EZ – 1570W Energy Saver Upgrade

All 1511, 1512, 1513, 1571, 1572 and 1573 magnetic coils are field interchangeable without removing the lock from the frame. There is no reason to remove and ship a lock for exchange.

### Benefits of this interchangeability include:

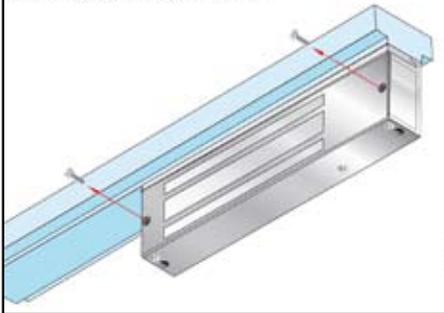
- **EZ-1510W Holding Force Upgrade:** Exchange 1200 lb coil with 1650 lb holding force coil
- **EZ-1570W Energy Saver Upgrade:** Save on power supply and long term energy costs by exchanging 8.4 Watt, 1650 lb coil with 3 Watt, 1200 lb holding force coil
- Eliminate labor, shipping costs and time associated with special orders or complete lock removal and replacement.

### Applications

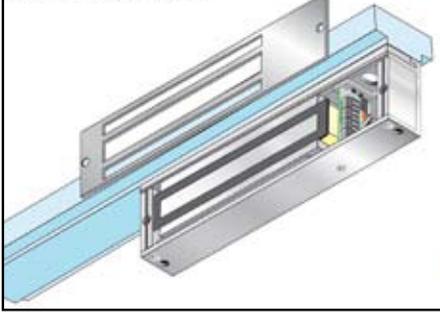
Distributors with limited stock may exchange coils to fulfill specific special sales needs, i.e. a 1570 with Dark Bronze finish may be upgraded to a 1511 with dark bronze finish and visa versa.

Installers may field upgrade to an Energy Saver where power supply capacity is limited or upgrade to higher holding force where 1200 lbs holding force proves inadequate, i.e. psychiatric or rehab center applications.

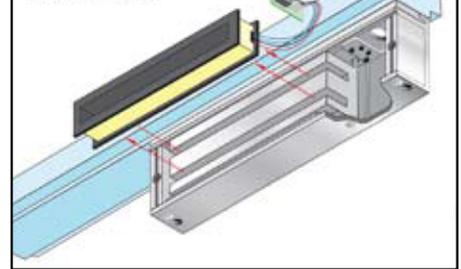
1 Remove cover plate screws.



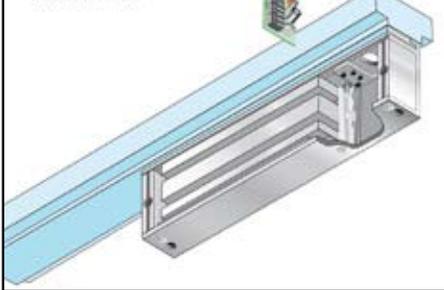
2 Remove cover plate.



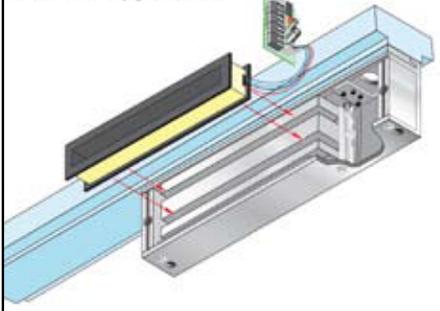
3 Lift input module and magnetic coil from the case.



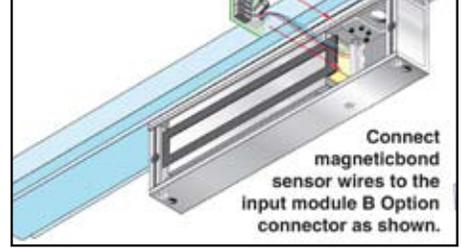
4 Disconnect and remove coil.



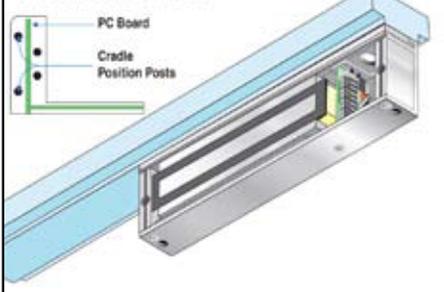
5 Connect upgrade coil.



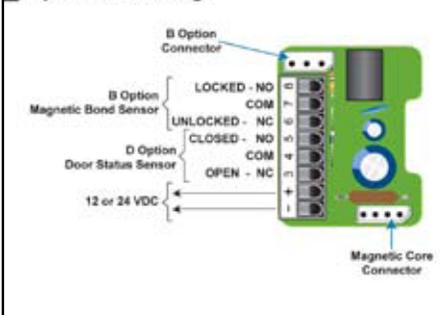
6 Place magnetic coil firmly between core lamination as shown.



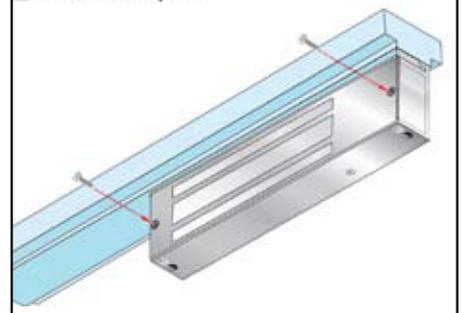
7 Place input module vertically between post at each side of case.



8 Input module wiring.



9 Attach cover plate.







### **EMLock EZ Upgrade Kits**

#### **Field Upgradeable Option Modules for 1512 and 1572**

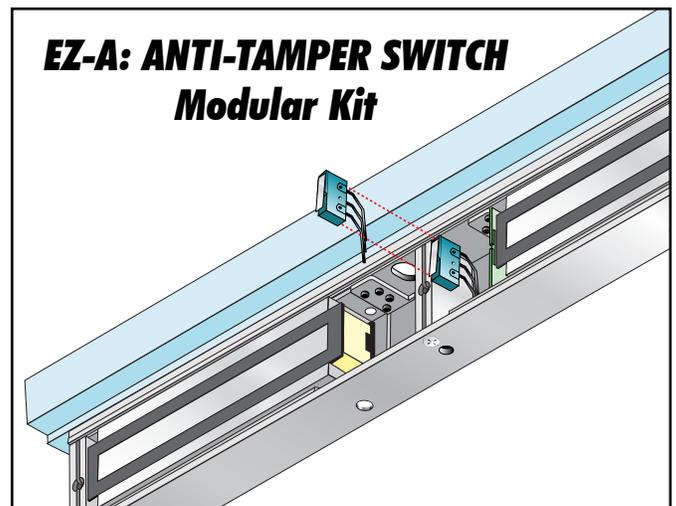
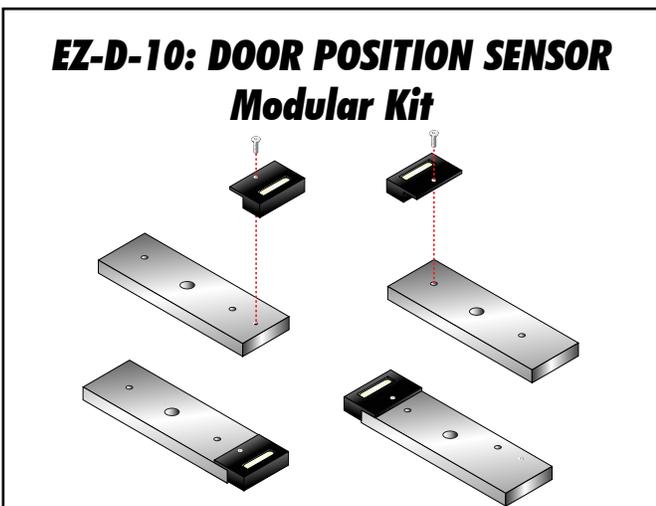
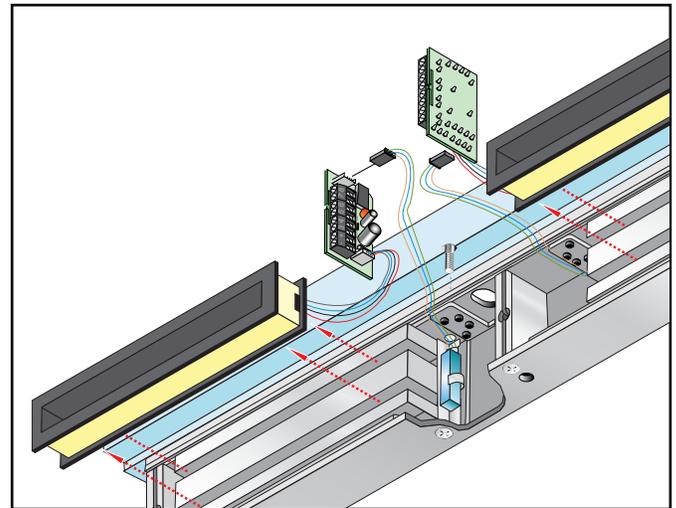
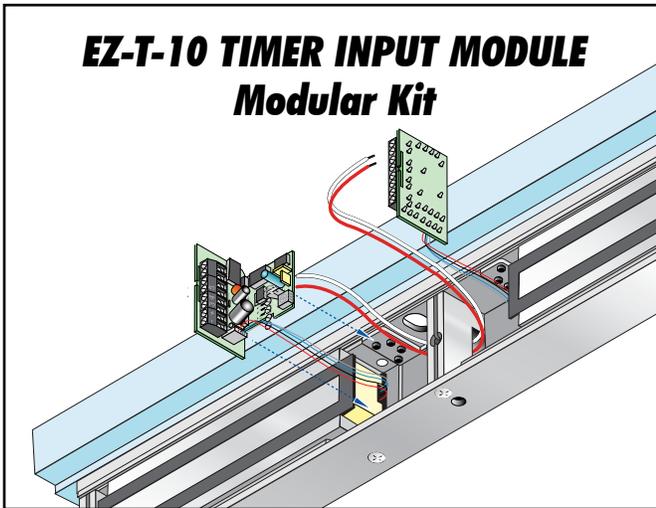
SDC's patented EMLock design represents the pinnacle of magnetic lock evolution. The modular EMLock assembly makes them easy to stock, install, upgrade and maintain.

#### **Field Upgradeable by Distributors, Installers and Maintenance Staff**

No need to ever remove a lock from the frame to upgrade or exchange internal components.

#### **FIELD UPGRADE**

- Relock Delay Timer
- Magnetic Bond Sensor
- Door Status Sensors
- Anti-Tamper Switch
- Holding Force Upgrade
- Energy Saver Upgrade



# 1 only required

## EZ-T-10 TIMER INPUT MODULE

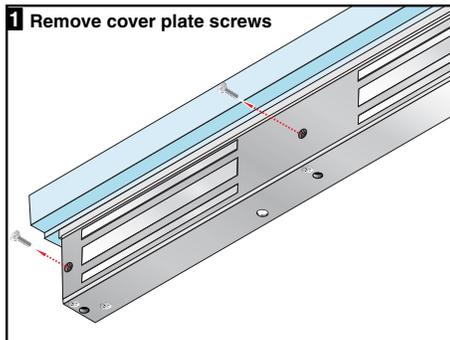
### Modular Kit

**Relock Delay Timer**, Adjustable 1 to 30 Seconds. 1 only required for double EMLock®.

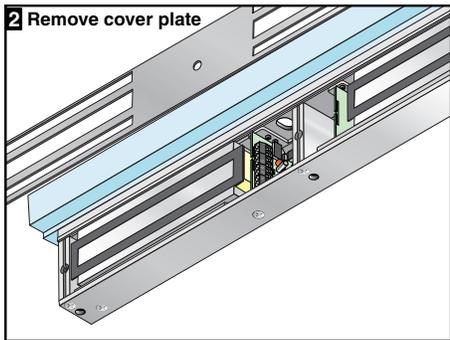
**Application:** The Timer Input Module delays relocking of access controlled doors to provide persons ample time needed for entry or egress. Momentary interruption of power to the lock input module.

Momentary, N.C. Dry Contact required. Contact actuation unlocks the door for 1 – 30 seconds. Only 1 timer module is required for double EMlocks®.

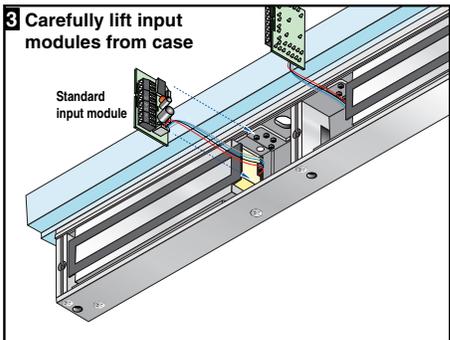
**1 Remove cover plate screws**



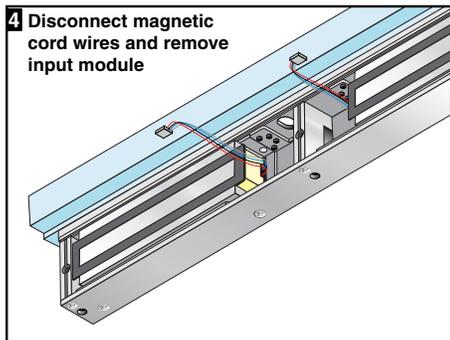
**2 Remove cover plate**



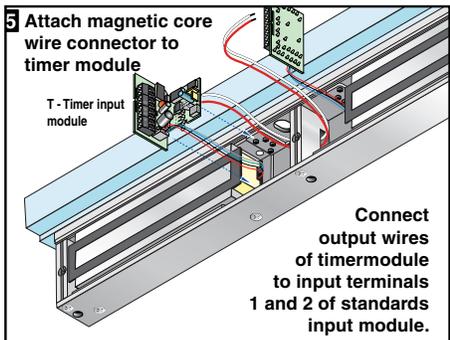
**3 Carefully lift input modules from case**



**4 Disconnect magnetic cord wires and remove input module**

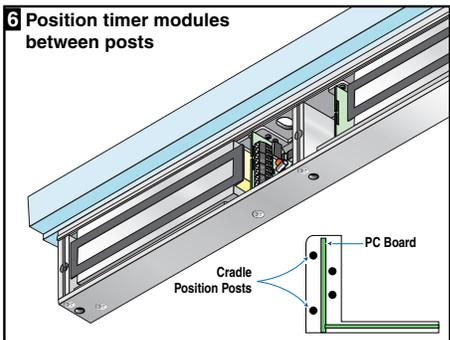


**5 Attach magnetic core wire connector to timer module**

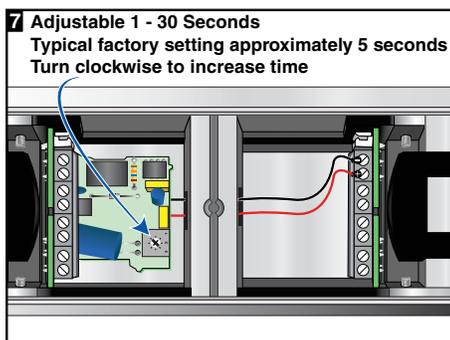


Connect output wires of timer module to input terminals 1 and 2 of standards input module.

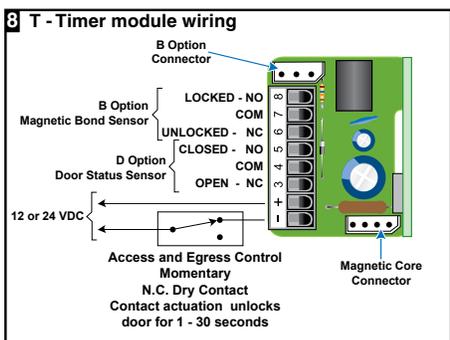
**6 Position timer modules between posts**



**7 Adjustable 1 - 30 Seconds**  
 Typical factory setting approximately 5 seconds  
 Turn clockwise to increase time

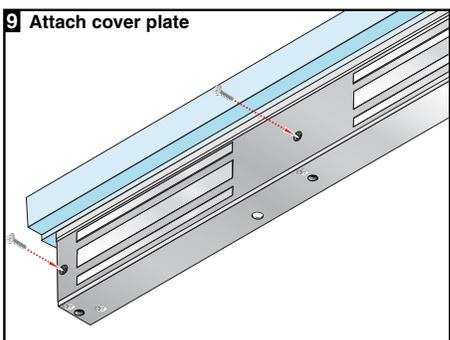


**8 T - Timer module wiring**



B Option Connector  
 B Option Magnetic Bond Sensor: LOCKED - NO, COM, UNLOCKED - NC, CLOSED - NO, COM, OPEN - NC  
 D Option Door Status Sensor  
 12 or 24 VDC  
 Access and Egress Control Momentary N.C. Dry Contact  
 Contact actuation unlocks door for 1 - 30 seconds  
 Magnetic Core Connector

**9 Attach cover plate**



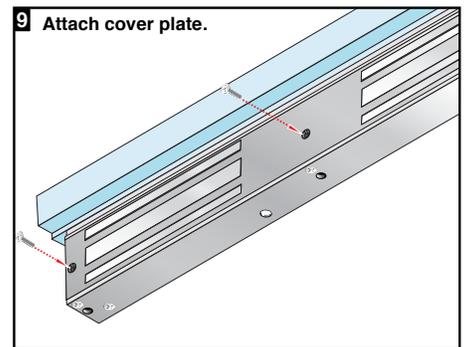
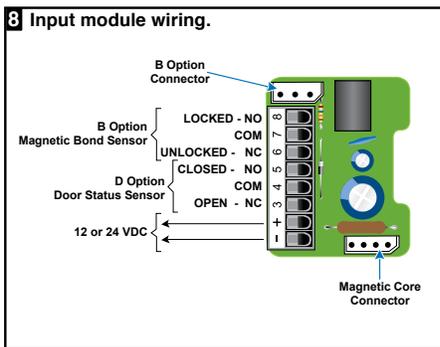
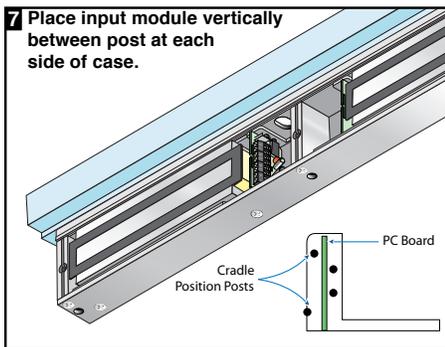
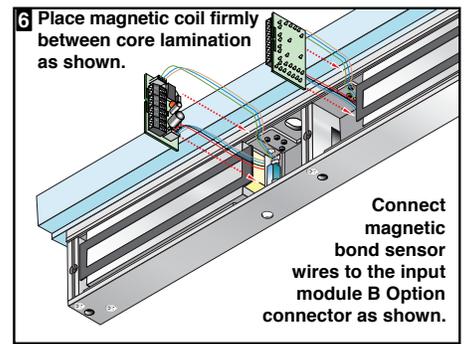
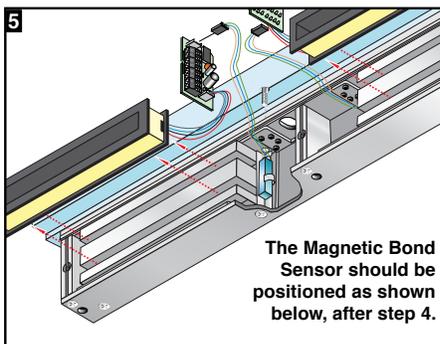
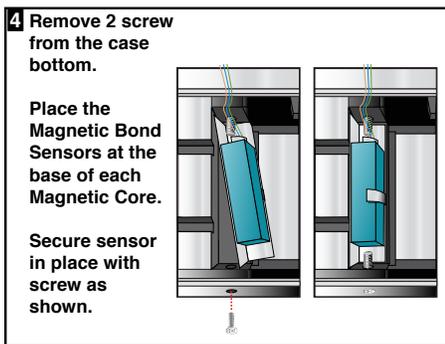
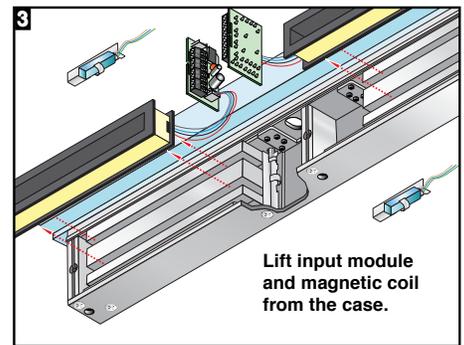
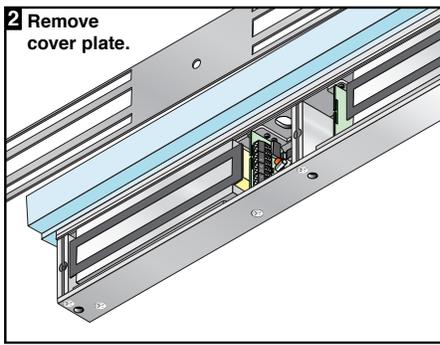
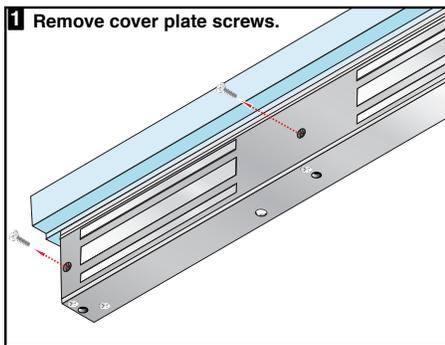


## Specify 2 for 1512, 1572 EZ-B-10-2 MAGNETIC BOND SENSOR Modular Kit

While a Door Status Sensor indicates the door is open or closed, SDC's Magnetic Bond Sensor provides higher security monitoring by indicating the locked / unlocked mode, tampering and low voltage. The use of both the door status and magnetic bond sensor is recommended for high security applications.

**Application:** Lock secure status annunciation, mantrap system logic, CCTV camera activation.

**Output:** 2 Contacts provided  
2-SPDT Dry Contact,  
250 mA @ 12/24VDC



# EZ-D-10-2: DOOR POSITION SENSOR Modular Kit

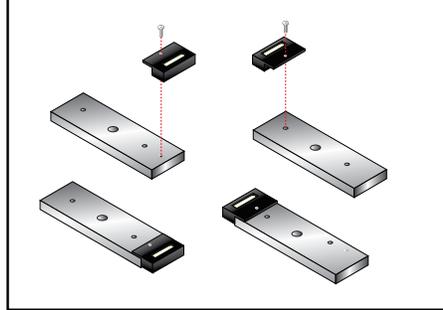
**Indicates the door is open and closed.**

### Application:

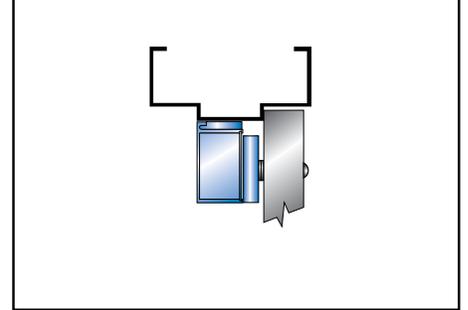
Door position status annunciation, anti-tailgating, interlock, mantrap and communicating bathroom system logic.

**Output:** 2 Modules provided  
SPDT Dry Contact, 250 mA  
@ 12/24VDC

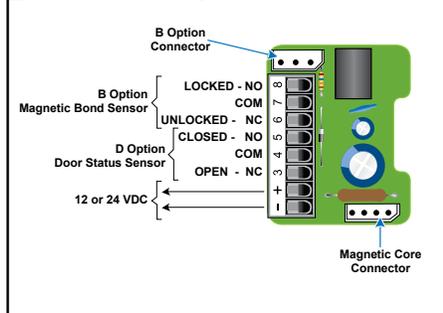
**1 Attach door status module to each armature**



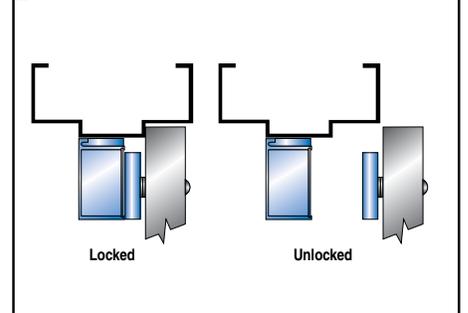
**2 Re-install armature per installation instructions**



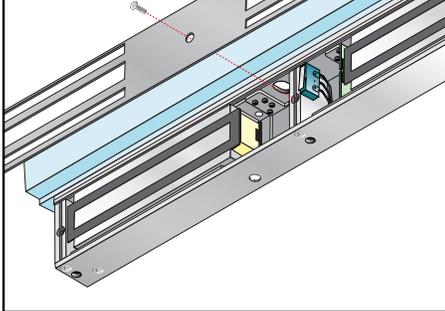
**3 Input module wiring.**



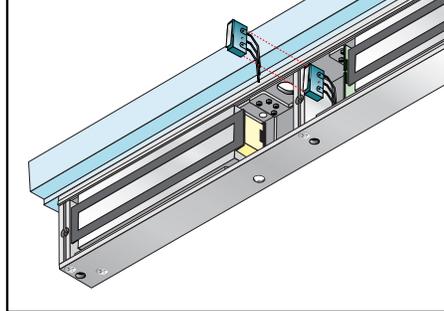
**4 Annunciation**



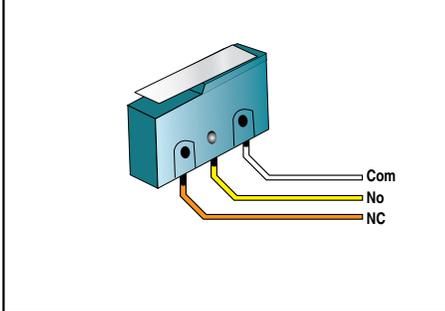
**1 Remove cover plate**



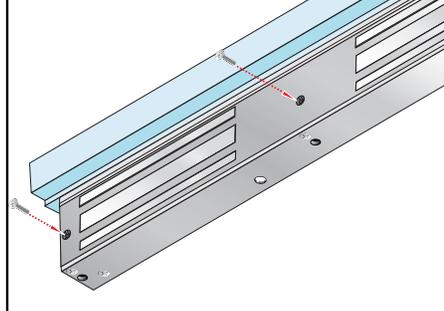
**2**



**3 Anti-tamper wiring**



**4 Replace cover plate**



**1 only required**

# EZ-A: ANTI-TAMPER SWITCH - Modular Kit

**Indicates cover plate removal**

### Output:

SPDT Dry Contact, 3 Amp @ 12/24VDC



## Specify 2 for 1512, 1572

### EZ – 1510W-2 Holding Force Upgrade

### EZ – 1570W-2 Energy Saver Upgrade

All 1511, 1512, 1513, 1571, 1572 and 1573 magnetic coils are field interchangeable without removing the lock from the frame. There is no reason to remove and ship a lock for exchange.

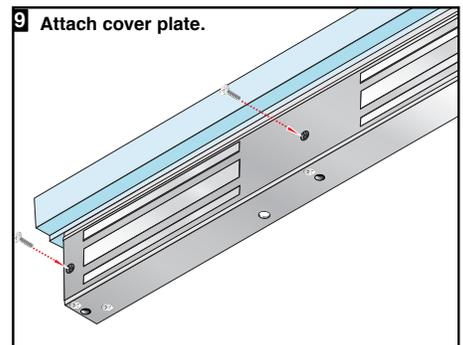
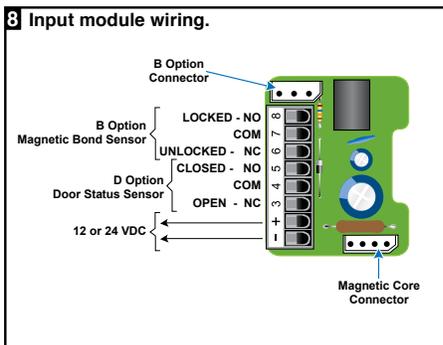
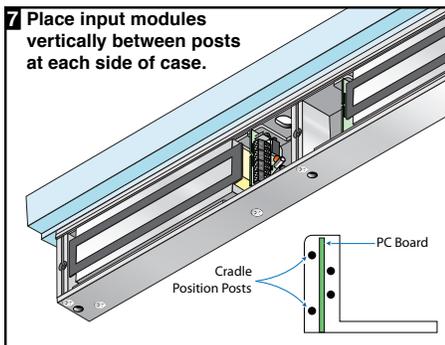
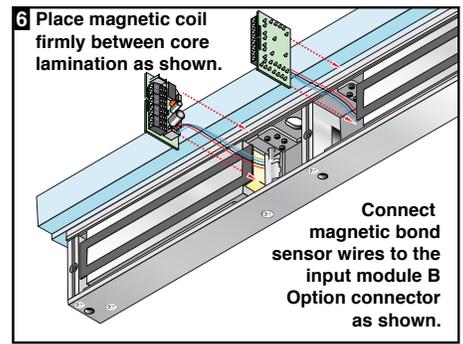
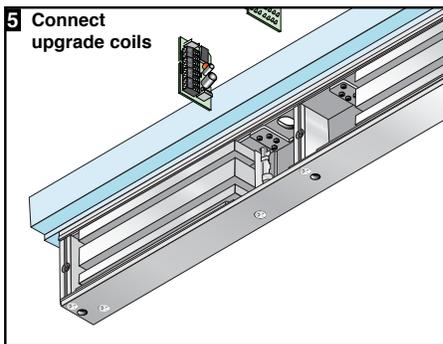
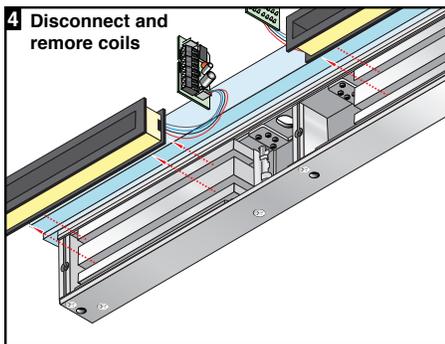
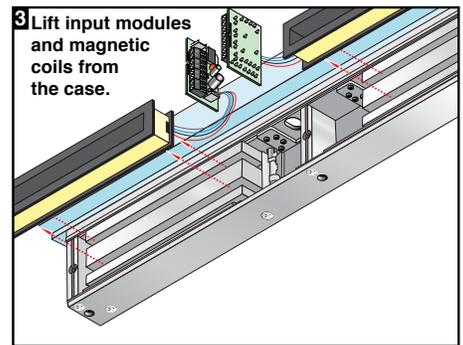
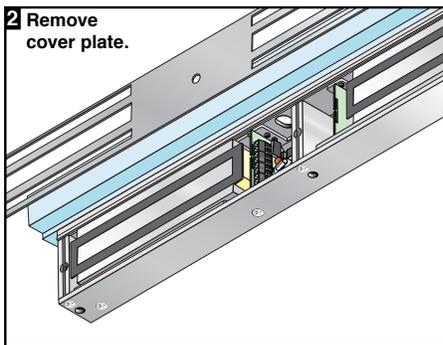
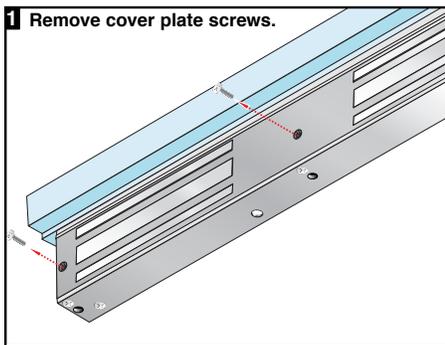
#### Benefits of this interchangeability include:

- **EZ-1510W Holding Force Upgrade:** Exchange 1200 lb coil with 1650 lb holding force coil
- **EZ-1570W Energy Saver Upgrade:** Save on power supply and long term energy costs by exchanging 8.4 Watt, 1650 lb coil with 3 Watt, 1200 lb holding force coil
- Eliminate labor, shipping costs and time associated with special orders or complete lock removal and replacement.

#### Applications

Distributors with limited stock may exchange coils to fulfill specific special sales needs, i.e. a 1570 with Dark Bronze finish may be upgraded to a 1511 with dark bronze finish and visa versa.

Installers may field upgrade to an Energy Saver where power supply capacity is limited or upgrade to higher holding force where 1200 lbs holding force proves inadequate, i.e. psychiatric or rehab center applications.







## EMLock EZ Kits

### Field Upgradeable Option Modules

SDC's patented EMLock design represents the pinnacle of magnetic lock evolution. The modular EMLock assembly makes them easy to stock, install, upgrade and maintain.

### Field Upgradeable by Distributors, Installers and Maintenance Staff

No need to ever remove a lock from the frame to upgrade or exchange internal components.

### FIELD UPGRADE

- Magnetic Bond Sensor
- Door Status Sensors
- Tamper

## EZ-D-80: DOOR POSITION SENSOR Modular Kit

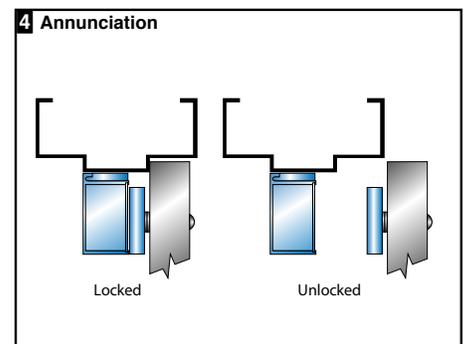
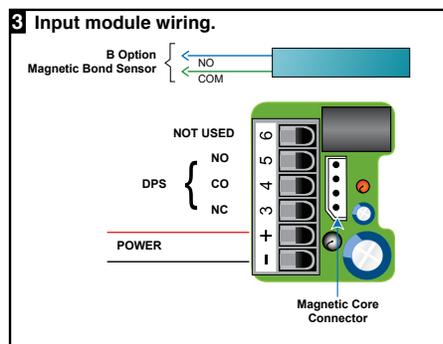
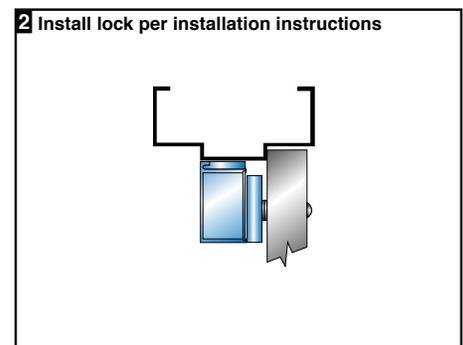
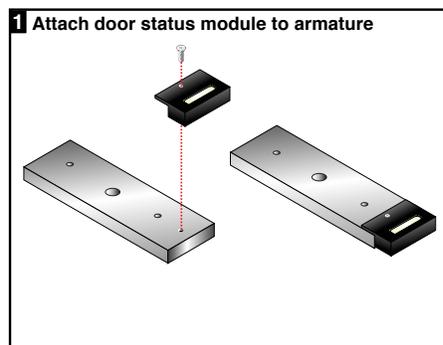
**Indicates the door is open and closed.**

### Application:

Door position status annunciation, anti-tailgating, interlock, mantrap and communicating bathroom system logic.

### Output:

SPDT Dry Contact, 250 mA @ 12/24VDC



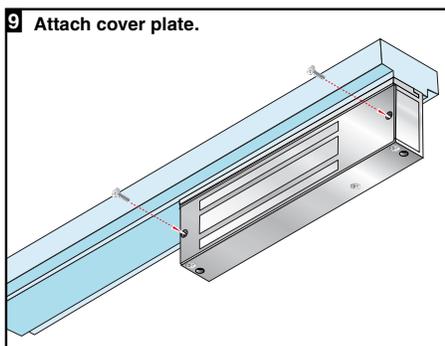
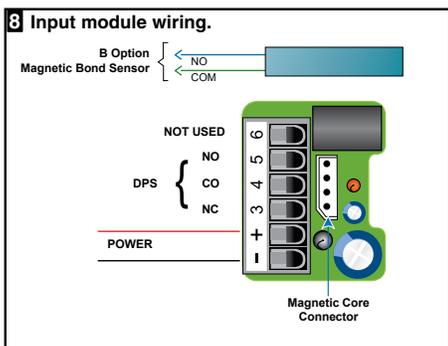
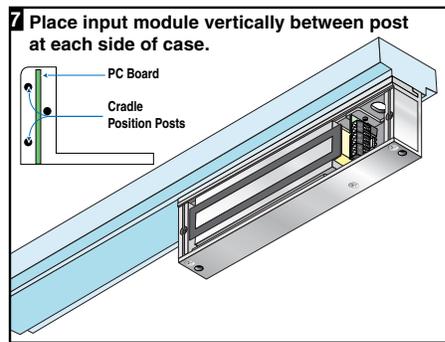
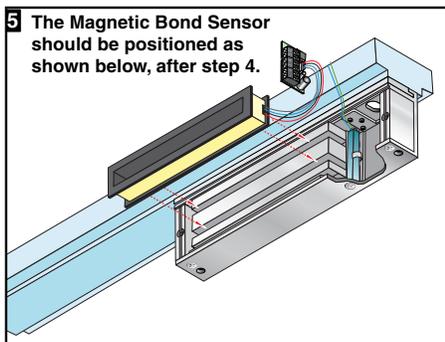
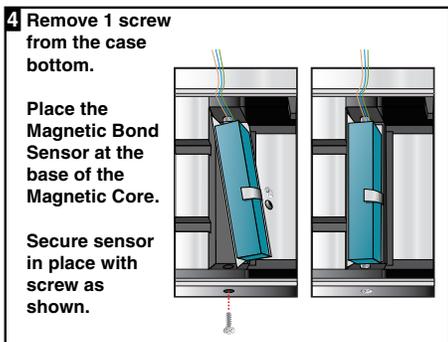
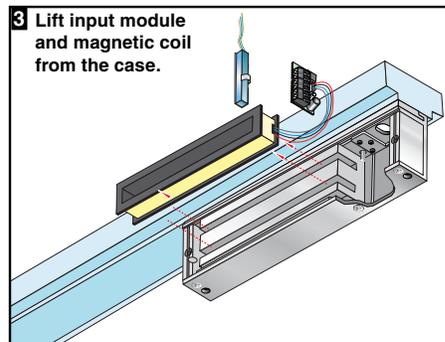
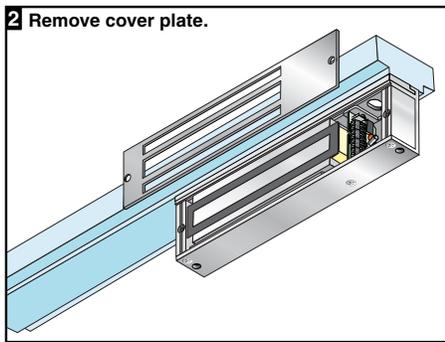
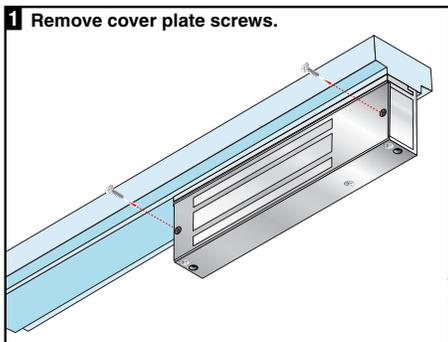
# EZ-B-80 MAGNETIC BOND SENSOR

## Modular Kit

While a Door Status Sensor indicates the door is open or closed, SDC's Magnetic Bond Sensor provides higher security monitoring by indicating the locked / unlocked mode, tampering and low holding force. The use of both the door status and magnetic bond sensor is recommended for high security applications.

**Application:** Lock secure status annunciation, mantrap system logic, CCTV camera activation.

**Output:** SPDT Dry Contact, 250 mA @ 12/24VDC





## EMLock EZ Kits

### Field Upgradeable Option Modules

SDC's patented EMLock design represents the pinnacle of magnetic lock evolution. The modular EMLock assembly makes them easy to stock, install, upgrade and maintain.

### Field Upgradeable by Distributors, Installers and Maintenance Staff

No need to ever remove a lock from the frame to upgrade or exchange internal components.

### FIELD UPGRADE

- Magnetic Bond Sensor
- Door Status Sensors

**Specify 2 for 1582**

## EZ-D-80: DOOR POSITION SENSOR

### Modular Kit

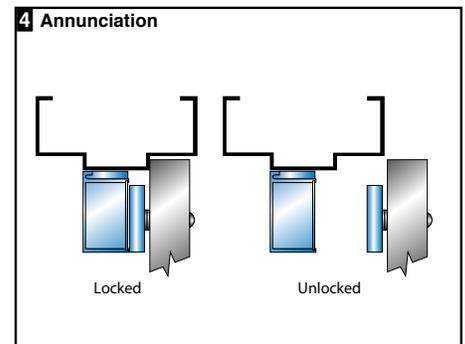
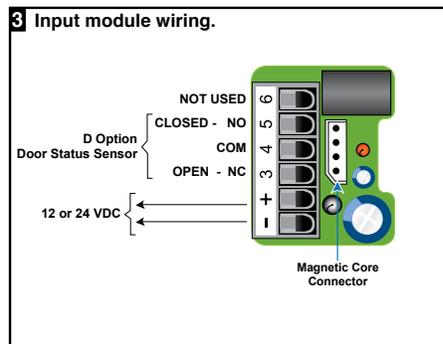
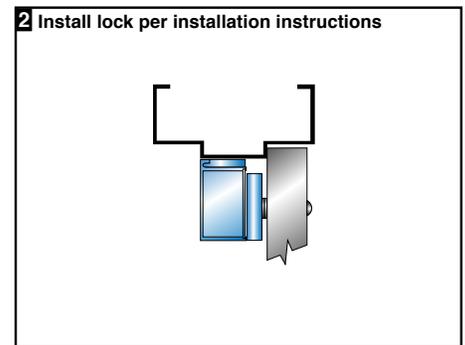
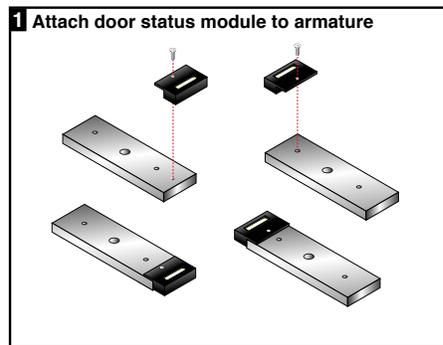
**Indicates the door is open and closed.**

### Application:

Door position status annunciation, anti-tailgating, interlock, mantrap and communicating bathroom system logic.

### Output:

SPDT Dry Contact, 250 mA @ 12/24VDC



## Specify 2 for 1582

# EZ-B-80 MAGNETIC BOND SENSOR

## Modular Kit

While a Door Status Sensor indicates the door is open or closed, SDC's Magnetic Bond Sensor provides higher security monitoring by indicating the locked / unlocked mode, tampering and low holding force. The use of both the door status and magnetic bond sensor is recommended for high security applications.

**Application:** Lock secure status annunciation, mantrap system logic, CCTV camera activation.

**Output:** SPDT Dry Contact, 250 mA @ 12/24VDC

