

# 3525 Electronic Locking Rack Handle



WORKING TOGETHER WITH  
**SERVOCELL**

## 3525 Electronic Locking Rack Handle



### Electronic Locking Rack Handle

The electronic locking rack handle provides the functionality of a manual latching system with the added benefit of electronic locking for access control and remote monitoring.

It can be combined with any access control device for a basic self contained electronic access solution.

Alternatively, the electronic rack handle can provide access control to networked rack control and monitoring systems for addressable remote access control over the internet.

Integrated lock sensors provide local LED indication plus generate output signals for remote access monitoring.

**Lock engaged  
Handle closed**



Secure Cabinet

**Lock retracted  
Handle closed**



Electronically unlock

**Lock retracted  
Handle released**



Manually operate handle

**Lock engaged  
Handle released**



DIN lock manual override

### Features

- Remote lock and unlock control
- Single or multi-point locking
- Low power, gear motor driven mechanism
- Momentary or continuous lock actuation
- High Security DIN lock for mechanical key override
- Fits industry standard panel preparations
- Accommodates both left and right hand doors
- 78.7" (2000mm) Wire Harness and Hardware Kit included
- Product shipped with 3 keys (keyed alike)
- 1 Year Warranty

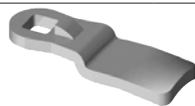
### Highlights

- Integrated sensors detect lock and handle status for monitoring and alarm functions
- Low energy consumption (Less than 200mA at 12VDC)
- Activated via any 3rd Party Control System (Access Control, PDU, SCADA)

### Optional Accessories

#### NOT REQUIRED FOR MOST RETROFIT APPLICATIONS

|  | <b>Gear Box</b><br>(for multi-point system) |            |
|--------------------------------------------------------------------------------------|---------------------------------------------|------------|
|                                                                                      | 3525-MPLH                                   | Left Hand  |
|                                                                                      | 3525-MPRH                                   | Right Hand |

|  | <b>CAMS</b>      |              |
|---------------------------------------------------------------------------------------|------------------|--------------|
|                                                                                       | Grip Measurement | Cam length   |
|                                                                                       |                  | 1.77" (45mm) |
| 0.61" (15.5mm)                                                                        | 3525-GR3815      | -            |
| 0.69" (17.5mm)                                                                        | 3525-GR3817      | -            |
| 0.77" (19.5mm)                                                                        | 3525-GR3819      | 3525-GR4522  |
| 0.85" (21.5mm)                                                                        | 3525-GR3821      | 3525-GR4524  |
| 0.93" (23.5mm)                                                                        | 3525-GR3823      | 3525-GR4526  |

(Consult RCI if required)

# Specifications



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### Specifications

#### Material & Finish

Housing, handle, mounting bracket:  
Glass-filled nylon, black  
Shaft, rotation limiter: Die-cast zinc,  
bright sealer

#### Electrical Specifications

Recommended operating voltage:  
12VDC to 24VDC  
Typical operating current:  
Less than 200mA at 12 VDC  
Peak / stall operating current: 1 Amp  
Standby current: 50mA Max.  
Output signal rating: 200mA Max. load

#### Connector Pin Assignment

PIN 1: Ground (-)  
PIN 2: Power (+)  
PIN 3: Not Used  
PIN 4: Control signal  
PIN 5: Electronic Lock status output  
PIN 6: Mechanical lock status output

#### Mating Connector Detail

Crimp socket  
Crimping contact for socket  
24 AWG wire minimum recommended

#### NOTES

For grip ranges .61"-.73" (15.5-18.5mm)  
Max. cam length of 1.5" (38mm).  
Frame edge distance of 1.18" (30mm)

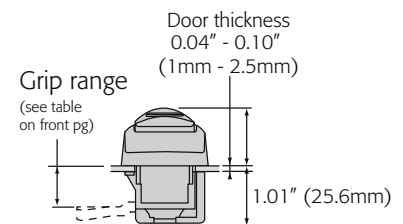
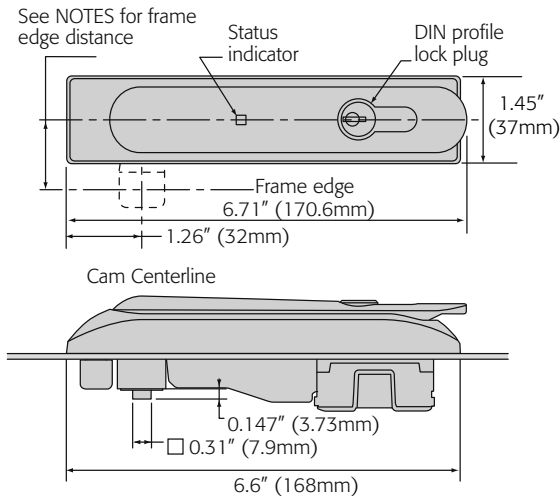
For grip ranges greater than .73" (18.5mm)  
Max. cam length of 1.77" (45mm)  
Frame edge distance of 1.46" (37mm)

For multipoint systems, select right or left  
hand gear box part number from table.

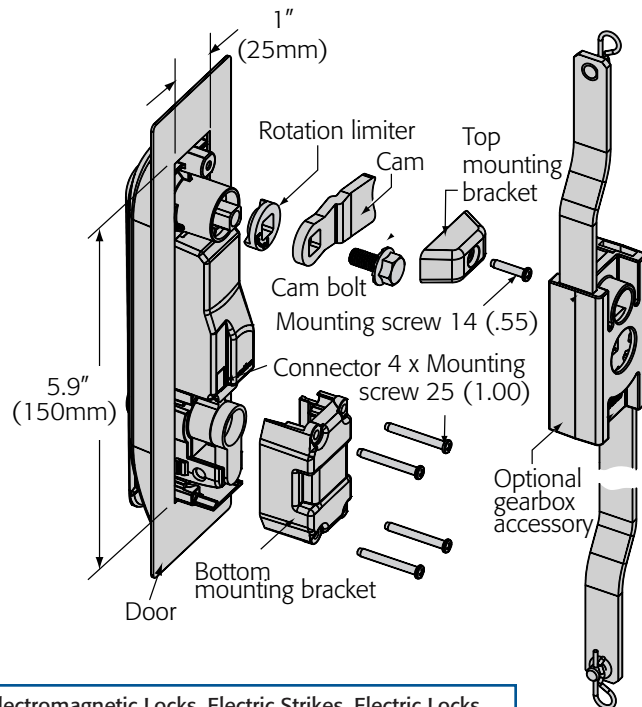
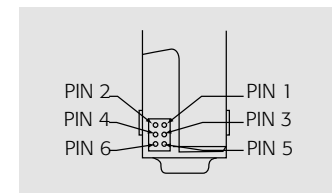
Product shipped with 3 keys (keyed alike)

#### Overall Dimensions:

6.69"H x 1.45"W x 1.98" D  
(170mm x 37mm x 50.25mm)



#### Connector Detail



RCI also offers a complete line of Electromagnetic Locks, Electric Strikes, Electric Locks  
Power Supplies, Switches, Keypads & Readers, Exit Devices, Systems & Door Hardware.