



✕ Remote Lock and Unlock

✕ Local monitoring with multi-colour LED indicator

✕ Lock status outputs provided for remote monitoring

✕ Integrate into building access control

✕ Built in RFID Reader system

✕ Fits 29U, 42U & 47U doors

✕ Momentary or continuous lock actuation

Features

- Remote Lock and Unlock
- Lock status outputs provided for remote monitoring
- Built in RFID Reader system
- Momentary or continuous lock actuation
- Local monitoring with multi-colour LED indicator
- Integrate into building access control
- Fits 29U, 42U & 47U doors
- Integral key for manual over-ride

Product Overview

The RFiD Intelligent Locking System provides intelligent electronic locking and monitoring capabilities, complete with a built-in RFiD card reader for easy set up.

The handle can be integrated a standalone controller or to any networked access control system for remote control, monitoring and reporting.

The reader type is pre-determined, by request at the time of order, to work with MIFARE ® or HID formats and comes fitted to the rack doors. All accessories and harness looms are located within the rack ready for fitting on site.

Cable management adaptors are a key feature of the accessory kit, allowing for the cable looms to be situated and housed in the frame of the door, for a more aesthetically pleasing installation.

Reader types available:

Mifare® Classic with Wiegand Data Output - H3-EM-99-500
HID 125kHz RFID with Wiegand Data Output - H3-EM-99-501

Actuator Operating Power

Recommended operating voltage 12 VDC to 24 VDC

Typical operating current: less than 200mA at 12 VDC

Peak / stall operating current: 1Amp

Standby current: 50mA Max

Output Signal: 100mA Max load

Card reader module:

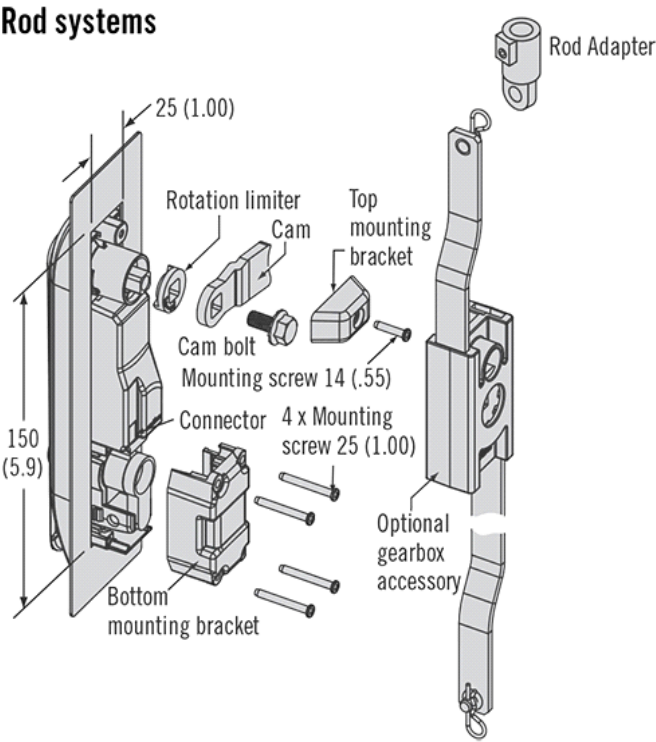
Supply voltage: 12VDC to 24VDC with an operating current: 60mA Max

Dimensions: 37mm wide x 262.5mm long x 54.75mm deep

Cut out required: 25mm wide x 150mm long
Operating Temp: 0 to 45 Degree C

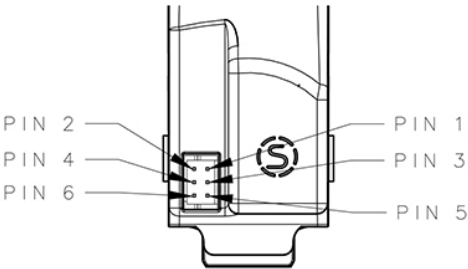
Rod Kit

(Additional part added as standard on all doors with rod fixing units)
Used on all SR doors and ER rear doors.



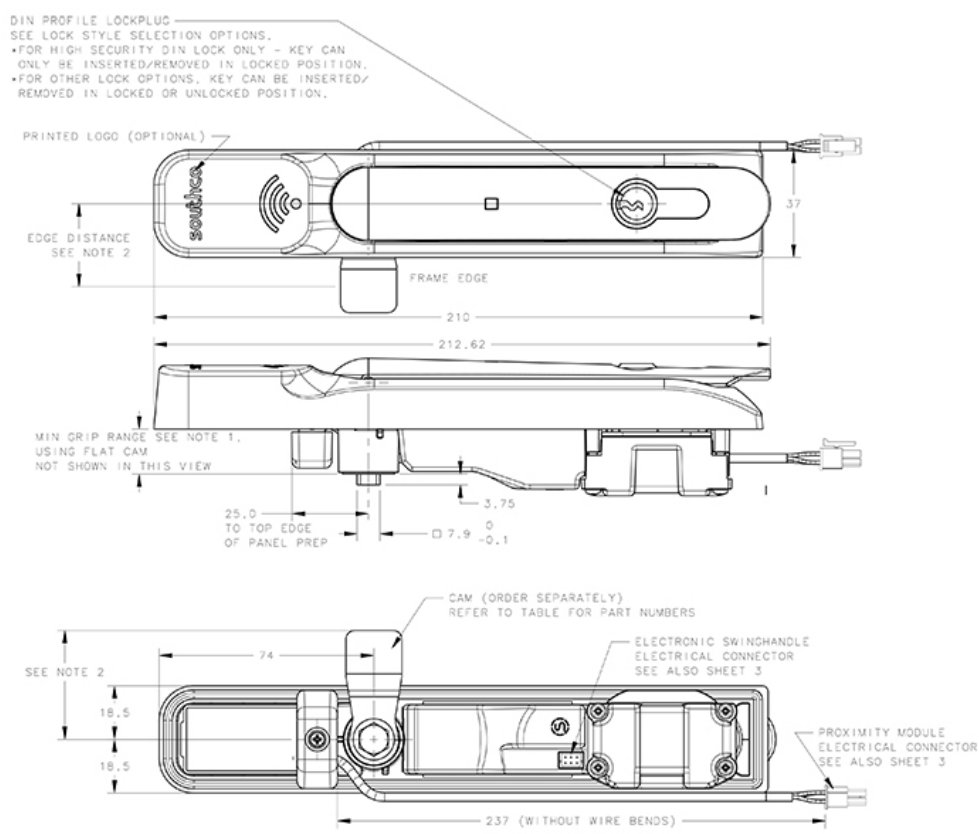
Actuator Module

PIN	DESCRIPTION	NOTE
1	VGND	GROUND (MUST BE SAME AS RFID READER MODULE)
2	VSUPPLY	12 TO 24 VDC POWER SUPPLY INPUT
3	N/C	NO CONNECT
4	CONTROL SIGNAL	COMMAND INPUT (9VDC UP TO SUPPLY VOLTAGE, 100 MILLISECONDS MINIMUM)
5	ELECTRONIC LOCK STATUS	OPEN COLLECTOR OUTPUT (RATED FOR VSUPPLY, 100mA MAX. LOAD)
6	MECHANICAL LOCK STATUS	OPEN COLLECTOR OUTPUT (RATED FOR VSUPPLY 100mA MAX. LOAD)



ACTUATOR
PIN-OUT DIAGRAM

RFID Reader Module



Part Number Information

Part Number	Description
542-CR-Configured	Environ CR Configured rack RFID reader lock
544-SR-Configured	Environ SR Configured rack RFID reader lock

Excel is a world-class premium performing end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.
Contact us at sales@excel-networking.com

