



In or Out...we make it Easy!®

QS-4R001

Electric Strike with Access Control
Door Locking System



QS-8R001

Electromagnetic Lock with Access Control
Door Locking System



(U.S. power supply not shown.)

Features & Benefits

- A complete single door system in one easy-to-use kit
- Minimal connections and simplified wiring make installation **easy**
- Card reader accepts users' own magstripe cards for entry. (For more information, see 9310 Easy Read literature.)
- 12VDC system
- **QS-4R001** – Electric strike (shown with faceplate for hollow metal frame), transformer, card reader* and two faceplates (one for aluminum, one for wood frame)
- **QS-8R001** – Electromagnetic lock with power supply, momentary exit pushbutton and card reader*

*Accommodates up to 1000 users

Single Door MagStripe Card Reader QuickSystems®

RCI has made card reader access control for single doors easier than ever, giving you the choice of a quick system fail locked application (model QS-4R001) or fail unlocked application (model QS-8R001).

Everything you need to control entry is in one package!

Two additional faceplates are included with the QS-4R001 allowing installation on either aluminum or wood or hollow metal frames.

Note: Wire is supplied by others. Refer to RCI's Wire Gauge Chart. Schematic, riser diagram, templates and installation instructions are packaged with the system.

Highlights

- Ready-To-Go Access Control
- Card Reader Recognizes Users' Own Magstripe Cards
- Accommodates up to 1000 users
- Easy Installation
- Dual-Voltage Electric Locks
- Warranted Products

Applications

- Government Facilities
- Commercial Office Complexes
- Wholesale Warehouses
- Health Care Facilities
- Residential

Optional Mounting Accessories

See individual literature for specifications on each component.



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| Specifications | QS-4R001 | QS-8R001 |
|---|--|---|
| Electric Strike and Mag Lock Dimensions | 1-1/4" x 4-7/8" (4104) (31.8 x 123.8mm) 1-1/4" x 4-7/8" (4114) (31.8 x 123.8mm) 1-7/16" x 7-15/16" (4108) (36.5 x 201.6mm) | 1-5/8"D x 2-7/8"W x 10-1/2"L (8310) (41.3 x 73.0 x 266.7mm) (including 1/4" mounting bracket) |
| Armature Plate Dimensions | NA | Standard 5/8"D x 2-3/8"W x 7-7/16"L (15.9 x 60.3 x 188.9mm) |
| Voltage | 12VDC | 12VDC |
| Power/Current Requirements | .27A @ 12VDC | Max 0.35A @ 12VDC |
| Holding Force | Up to 1500 lbs. static strength | Up to 1500 lbs. holding force |
| Wiring Requirements | 2 wires – power input | 2 wires – power input |
| Reader Dimensions | 1-3/8"W x 3-1/2"H x 1-3/8"D (34.2 x 88.9 x 34.2mm) | 1-3/8"W x 3-1/2"H x 1-3/8"D (34.2 x 88.9 x 34.2mm) |

| Components | QS-4R001 | QS-8R001 |
|---------------------|--|---|
| Locking Device | 4114 electric strike (stainless steel finish) | 8310 electromagnetic lock (aluminum finish) |
| Card Reader | 9310 | 9310 |
| Power Supply | 12VDC, 1.5A rectified plug-in UL transformer | 10 12FPD-1A (1A @ 12VDC) – Canada 10-175UL power supply (1.75A @ 12VDC) – U.S. |
| Exit Pushbutton | NA | 970 momentary (blue) |
| Ancillary Equipment | 1 faceplate for aluminum frame 1 faceplate for wood frame | building code sign (mylar) |



QS-4R001 Installation Diagram

The electric strike accepts DC input.



QS-8R001 Installation Diagram

Bypass Mode – Because the electromagnetic lock is tied to the fire alarm panel, the door will unlock immediately in the event of a fire.

Override-Reset Mode – An authorized user may override the alarm and unlock the door by using an override switch (not included).

Alignment – Door and frame must be properly aligned so that the electric locking products function correctly.

NOTE: Specifications are subject to change without notice.

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