1. Always make provision(s) to protect electrical wires from abrasion.
2. Minimum 3/4" dia. raceway to connect from upper corner of reinforcement to hinge pocket.

3/8" dia.

Raceway

2-15/32" 

5/32" 

1 5/16" (Typ.)

2-1/8" dia.

5/16" dia. (2 Places)

Prep directions:
Over-drill 1" dia.

Metal door:
Prep for #8-32 unc machine screws

Wood door applications

1" dia. Ref.

3/8" dia.

Raceway

2-9/16" Ref.

2. Minimum 3/4" dia. raceway to connect from upper corner of reinforcement to hinge pocket.

Hinge

Raceway harness

Pigtail

Door with raceway

ElectroLynx®

As part of their promise to provide innovative, fast and effective, and higher security solutions to their customers, ASSA ABLOY Group companies offer ElectroLynx, a universal quick-connect system that simplifies the electrification of the door opening.

ElectroLynx® is a registered trademark of ASSA ABLOY, Inc.
Installation Notes: 10G70, 10G71, RX-10G70, RX-10G71

- Lockbodies are available with either 12V or 24V solenoid
- Solenoids require either 12V or 24V AC transformer or a filtered and regulated power supply
- Lockbodies have an in-line bridge rectifier
- RX- Lockbodies are handed (RH, RHR, LH, LHR)
- Doors manufactured by ASSA ABLOY Group Companies are available pre-wired with ElectroLynx
- Doors without ElectroLynx will have to be hard wired
- 10 Line solenoids are not polarity sensitive

Installation and wiring instructions
Wire colors remain consistent with all ASSA ABLOY products

1. While installing the lock into the door, plug the lock’s 8-Pin connector into the door’s wire harness
2. Wire the Pigtail Harness to transformer or power supply
3. Verify correct voltage is being used

CAUTION: The AC/DC voltage must not exceed 13.2 VOLTS FOR 12V LOCKS AND 26.4V for 24V locks. If voltage exceeds this value, the lock solenoid may be damaged.

4. Plug Pigtail Harness 8-pin connector into electric hinge 8-pin connector
5. Test lock: Applying voltage unlocks fail secure lock and locks fail safe lock

Sample wiring 10G70 Series Solenoid Locks with a 12VDC or 24VDC Regulated and Filtered Power Supply. SARGENT offers both power supplies in 12VDC and 24VDC.

12VDC OR 24VDC Regulated and Filtered Power Supply

Normally Closed Fire Alarm Contact
(If Required)

Switch or relay contacts

*Note: Wire 10G70 (Fail Safe) Locks to switch as shown
For 10G71 (Fail Secure) Locks, wire the switch with a normally open contact to the red wire of the Pigtail Harness

Wiring for RX-10G70/71 Series Solenoid locks. The lock is either 12VAC / VDC or a 24VAC / VDC lock body.

LOCK BODY

POWER 12VAC / VDC or a 24VAC / VDC Lockbody

IN LINE BRIDGE RECTIFIER

ORANGE WHITE GREEN

(+ ) PIN 2 RED

(- ) PIN 1 BLACK

C PIN 3 WHITE

NO PIN 4 GREEN

NC PIN 5 ORANGE

RX SWITCH

SARGENT
ASSA ABLOY, the global leader in door opening solutions