

INSTALLATION INSTRUCTIONS

Model 3267 Remote Power

SARGENT®

ASSA ABLOY

For Profile Series and Passport 1000 Series Access Control Devices and Alarmed Exit Devices 550, 5100, 5800, 12-5800 and AL-80 Series with ElectroLynx® Connector System

Warning

- Remove alkaline batteries from the Profile Series G1 or G1.5 controller before connecting to Power Supply
- This power unit is intended to be correctly oriented and secured in a vertical or floor mount position
- Always exercise extreme caution when working with electricity. Power should be disconnected when connections to terminals are made.

Required Components

- Power Transfer Device ElectroLynx doors - QC (quick connect) electric hinge with wires/8-pin connectors

Non ElectroLynx doors - Concealed Circuit Hinge or alternate.

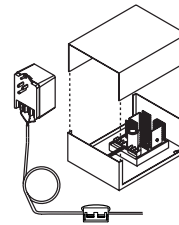
ElectroLynx Interconnect Harness (connects lock controller to ElectroLynx door harness):

- 52-3010 Profile Series G1/G1.5 ElectroLynx Remote Power/Unlocking Harness (included with 91- order)
- 52-3852 Profile Series S2 ElectroLynx Remote Power/DPS Monitor Harness (always included)
- 52-4029 Passport 1000 Series P2 ElectroLynx Remote Power Harness (ordered separately)

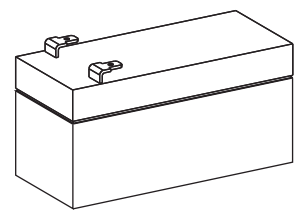
Remote Power System Components

1	52-0255	Plug-In Transformer
2	52-0256	12VDC / 1.2 A/Hr Gel Cell Battery
3	52-2498	9VDC Power Supply Circuit Board
Not Shown	52-0258	Cable Assembly — Power Supply to Power Transfer

Remote Power Supply



Gell Cell Battery



General Description

SARGENT's 3267 (9VDC, 700ma) Regulated and Filtered Power Supply has been designed for use with the Profile Series and Passport 1000 Series Access Control Products and Alarmed Exit Devices as an alternative, remote power source for stand alone units. The optional 12VDC Gel Cell battery (52-0256) allows continuous operation in the event of a power failure.

Specifications

- Enclosed Power Supply Module — provides regulated 9VDC to stand alone units and outputs 12VDC to charge the optional gel cell battery
- 16.5VAC, 2.4 Amps Transformer (UL/ULC Listed) — (52-0255) provides input voltage to Enclosed Power Supply Module

Installation/Connection Instructions

These instructions are provided in addition to the instructions packaged with the Profile Series and Passport 1000 Series Access Control Products and Alarmed Exit Devices and should be read completely before any installation is attempted.

Each 3267 power supply can supply power to:

- 2 Profile Series G1 or G1.5 Locks
- 1 Profile Series S2 Lock or 1 Passport 1000 P2 lock
- 6 Alarmed Exit Devices (550, 5100, 5800 or 12-5800)
- 10 AL-80 Series Exit Devices

Refer to Section A page 2 and 3 for installation and wiring Profile Series and Passport 1000 Series Locks
Refer to Section B page 4 for installing and wiring Alarmed Exit Devices

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Connector System Notes

This system is designed to be installation friendly. The only wiring required is to the loose wires on the pigtail harness assembly on the frame side of the electric hinge.

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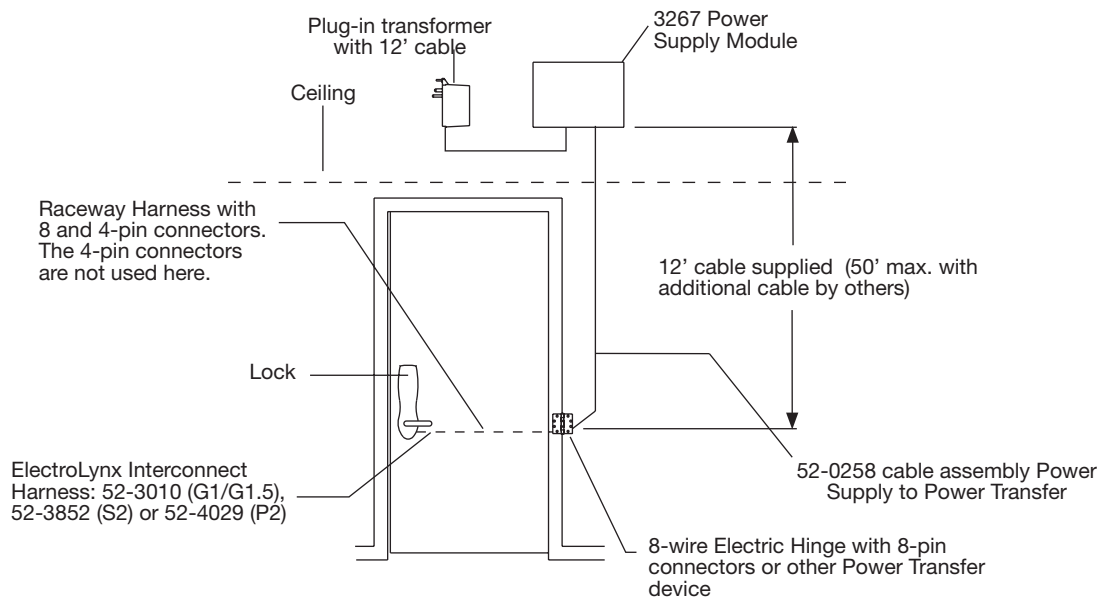
Installation Notes

1. With new applications, a raceway harness with 8 and 4-pin ElectroLynx connectors will be pre-installed inside doors manufactured by ASSA ABLOY door manufacturers when specified during the ordering process. Raceway harness kits are also available for retrofit applications. For retrofit applications, refer to retrofit instructions.
2. Wiring to pigtail harness is per facility wiring requirement. The rail, raceway, electric hinge and pigtail connector terminations and wire colors all match.
3. If door does not have a raceway harness with ElectroLynx connectors, either consult factory for raceway retrofit kit or cut connectors off product and hard wire as required.

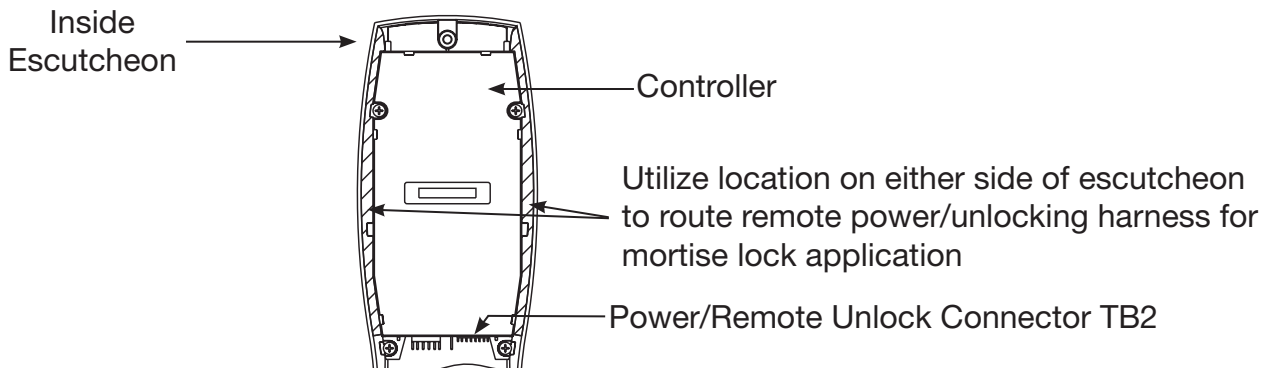
A. Installing and wiring Profile Series or Passport 1000 Series Lock to 3267 Power Supply

1 Important: Remove the six AA batteries from the Profile Series G1 or G1.5 lock controller.

2 The Power Supply Module includes a 12' cable connected to the electric hinge and a Plug-in transformer with 12' of wire which is plugged into a 120VAC power source.



3 For Profile Series G1 or G1.5 - Connect Remote Power/Unlocking Harness (52-3010) to Controller connector TB2



2

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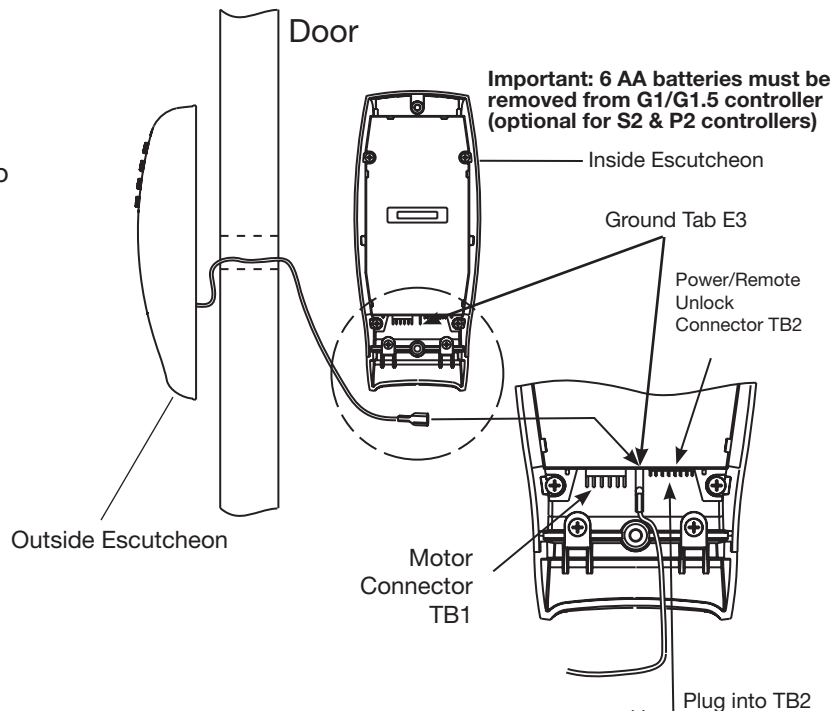
Mount the escutcheon to the door following the instructions provided with the unit

NOTE: Be sure to connect the "Quick Connect" end of the Ground wire to "E3" on the controller assembly.

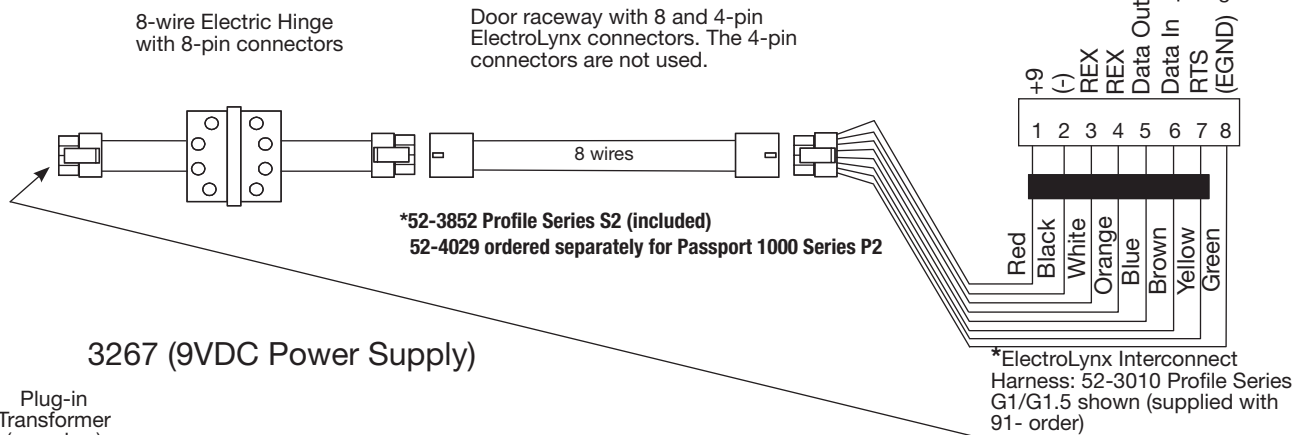
(Appears as a metal tab between TB1 and TB2 on the bottom of the controller assembly)

- A. Refer to system wiring diagram below and wire all connections to Pigtail Harness Assembly, Power Supply Circuit Board and Plug-in Transformer as indicated.
- B. Plug Pigtail Harness Assembly connector into Electric Hinge 8-pin connector.
- C. Connect (optional) battery if required.
- D. Wire remote unlock option as indicated if required.
- E. Ensure all wiring is correct; then plug the Plug-in Transformer into a 120VAC outlet. Test lock.

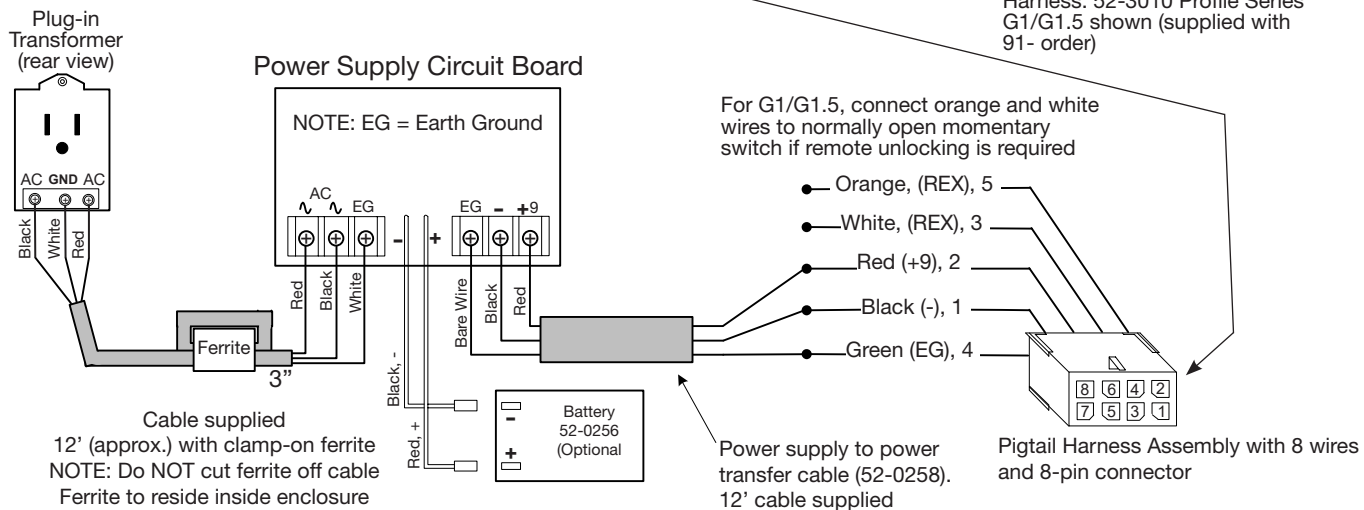
Profile Series G1/G1.5 example shown



Note: Cap off all unused wires to prevent shorting



3267 (9VDC Power Supply)

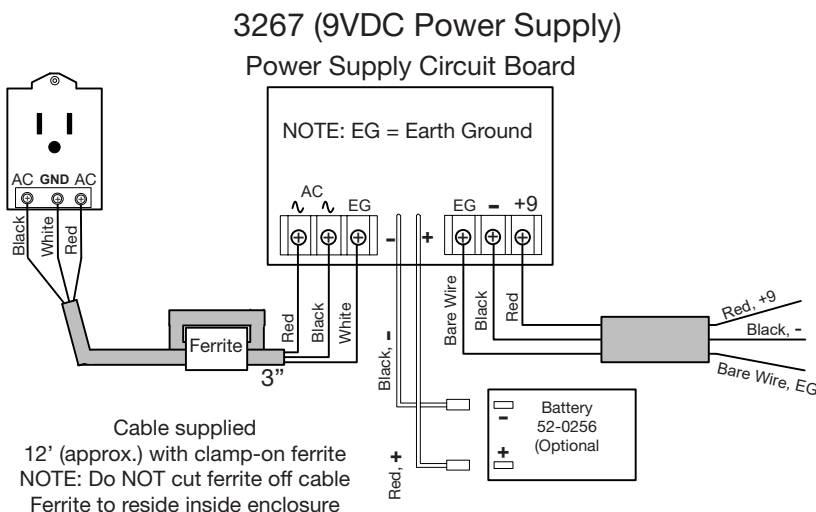


If wiring through access hole in backside of enclosure: Remove cable from ferrite, route cable through access hole, then feed cable through ferrite twice creating a single loop, leaving 3" of cable jacket exposed (as shown) in above figure.

B. Installing and wiring Alarmed Exits (AL-80 series, 550, 5100, 5800, and 12-5800) to 3267 Power Supply

1 Mount the Power Supply Module. If using cable (52-0258) supplied, mount module within 12' wire run to the electric hinge (power transfer). For applications where 550 alarms don't require electric hinge (power transfer), mount within 12' of alarm. The Power Supply Module may be located further than 12' with additional cable.

2 Refer to system wiring diagram below and wire all connections to Power Supply Circuit Board and plug-in transformer as indicated.
Connect (optional) battery if required.



3 Wire 550 alarm to +9 and (-) here. Earth Ground is not required. Refer to instruction A6716.

Wire 5100, 5800 and 12-5800 alarmed exit device to +9 and (-) here. Refer to instructions A6723, A6726, A6722.

Wire AL- 80 series exit device to +9, (-) and EG (Earth Ground) here. Refer to instructions A7251 and A7224.

If wiring through access hole in backside of enclosure:
Remove cable from ferrite, route cable through access hole, then feed cable through ferrite twice creating a single loop, leaving 3" of cable jacket exposed (as shown in above figure).

4 Verify all connections. Then, plug transformer into a 120VAC outlet and test alarm device.