AXIS A1001 installation with 24 volt lock

Adhere to local life safety code in all installations.
Ensure that your power supplies and relays are rated for the intended purposes.
Illustration does not depict cabling for reader, REX, Door monitor, battery backup and UPS.

**AXIS Entry Manager Programming**

1. Configure Lock 1 for Relay
   - Lock 1:
     - 12 V
     - Relay

2. Depending on your lock type, configure Lock 1 Relay for
   - Relay open = Locked for a fail-secure lock
   - Relay open = Unlocked for a fail-safe lock

3. Wire the RELAY|PWR connector according to the drawing

> One-door solution with 24 V lock

AXIS T8127 60 W Splitter
12/24 V DC

High PoE Switch (802.3at)
AXIS A1001 installation with dual electric strikes

Adhere to local life safety code in all installations. Ensure that your power supplies and relays are rated for the intended purposes. Illustration does not depict cabling for reader, REX, Door monitor, battery backup and UPS.

Voltage is determined by the power supply voltage out.

Application

> Simple two-door solution with one door using external power

AXIS Entry Manager Programming

1. Configure Lock 1 for 12 V and Fail-secure

   Lock 1:
   - 12 V
   - Fail-secure

2. Configure Lock 2 for Relay

   Lock 2:
   - 12 V
   - Relay

3. Depending on your lock type, configure Lock 2 Relay for

   Relay open = Locked for a fail-secure lock
   Relay open = Unlocked for a fail-safe lock

   Relay open = Locked
   Relay open = Unlocked

4. Wire the LOCK connector and the RELAY|PWR connector according to the drawing.
AXIS A1001 installation with dual locks and external power supply

The AXIS A1001 lock output connects to the separate auxiliary relay power input. 12/24 volts DC+ from a separate door power supply connects to the C terminal of the slave relay. This transfers to the NO terminal, pushing power to the lock.

Adhere to local life safety code in all installations.
Ensure that your power supplies and relays are rated for the intended purposes.
Illustration does not depict cabling for reader, REX, Door monitor, battery backup and UPS.

Application

> Two-door solution with high current locks
> Suggested for use with existing power and relay

AXIS Entry Manager Programming

1. Configure Lock 1 for 12 V and Fail-secure

   Lock 1:
   - 12 V
   - Fail-secure

2. Configure Lock 2 for Relay

   Lock 2:
   - 12 V
   - Relay

3. Depending on your lock type, configure Lock 2 Relay for

   Relay open = Locked for a fail-secure lock
   Relay open = Unlocked for a fail-safe lock

   Relay open = Locked
   Relay open = Locked
   Relay open = Unlocked

4. Wire the LOCK connector and the RELAY|PWR connector according to the drawing
AXIS A1001 installation with dual magnetic locks and external power supply

The AXIS A1001 lock output connects to the separate auxiliary relay power input. 12/24 volts DC+ from a separate door power supply connects to the C terminal of the slave relay. This transfers to the NO terminal, pushing power to the lock.

Adhere to local life safety code in all installations.
Ensure that your power supplies and relays are rated for the intended purposes.
Illustration does not depict cabling for reader, REX, Door monitor, battery backup and UPS.

Application
> Two-door solution with high current locks
> Suggested for use with existing power and relay

AXIS Entry Manager Programming

1. Configure Lock 1 for 12 V and Fail-secure
   Lock 1:
   - 12 V
   - Fail-secure

2. Configure Lock 2 for Relay
   - 12 V
   - Relay

3. Depending on your lock type, configure Lock 2 Relay for
   - Relay open = Locked for a fail-secure lock
   - Relay open = Unlocked for a fail-safe lock
   - Relay
   - Relay open = Locked
   - Relay open = Locked
   - Relay open = Unlocked

4. Wire the LOCK connector and the RELAY|PWR connector according to the drawing
AXIS A1001 installation with dual integrated locksets

The AXIS A1001 lock output connects to the separate auxiliary relay power input. 12/24 volts DC+ from a separate door power supply connects to the C terminal of the slave relay. This transfers to the NO terminal, pushing power to the lock.

Adhere to local life safety code in all installations.
Ensure that your power supplies and relays are rated for the intended purposes.
Illustration does not depict cabling for reader, REX, Door monitor, battery backup and UPS.

Application

> Two-door solution with high current locks

 AXIS Entry Manager Programming

1. Configure Lock 1 for 12 V and Fail-secure
   Lock 1:
   - 12 V  
     - Fail-secure

2. Configure Lock 2 for Relay
   Lock 2:
   - 12 V  
   - Relay

3. Depending on your lock type, configure Lock 2 Relay for
   Relay open = Locked for a fail-secure lock
   Relay open = Unlocked for a fail-safe lock
   - Relay

4. Wire the LOCK connector and the RELAY|PWR connector according to the drawing
AXIS A1001 installation with dual external auxiliary devices

Adhere to local life safety code in all installations.
Ensure that your power supplies and relays are rated for the intended purposes.
Illustration does not depict cabling for reader, REX, Door monitor, battery backup and UPS.

Solution for using relays to control devices such as HVAC, gates, and other auxiliary devices

1. Configure Lock 1 for 12 V and Fail-secure

   Lock 1:
   - 12 V
   - Relay

2. Configure Lock 2 for 12 V and Fail-secure

   Lock 2:
   - 12 V
   - Relay

4. Wire the LOCK connector according to the drawing

30 Watt Midspan options
- AXIS T81B22 DC 30 W Midspan 1-port
- AXIS T8133 Midspan 30 W 1-port
- AXIS T8123-E Outdoor Midspan 30 W 1-port

High PoE Splitter
- AXIS T8127 60 W Splitter 12/24 V DC

**Application**

**AXIS Entry Manager Programming**

- Solution for using relays to control devices such as HVAC, gates, and other auxiliary devices
- **1. Configure Lock 1 for 12 V and Fail-secure**
  - Lock 1:
    - 12 V
    - Relay
- **2. Configure Lock 2 for 12 V and Fail-secure**
  - Lock 2:
    - 12 V
    - Relay
- **4. Wire the LOCK connector according to the drawing**

**30 Watt Midspan options**
- AXIS T81B22 DC 30 W Midspan 1-port
- AXIS T8133 Midspan 30 W 1-port
- AXIS T8123-E Outdoor Midspan 30 W 1-port

**High PoE Splitter**
- AXIS T8127 60 W Splitter 12/24 V DC
**AXIS A1001 installation with dual magnetic locks**

Voltage is determined by the POE splitter voltage out.

Adhere to local life safety code in all installations.
Ensure that your power supplies and relays are rated for the intended purposes.
Illustration does not depict cabling for reader, REX, Door monitor, battery backup and UPS.

**30 Watt Midspan options**

> AXIS T81B22 DC 30 W Midspan 1-port
> AXIS T8133 Midspan 30 W 1-port
> AXIS T8123-E Outdoor Midspan 30 W 1-port

**High PoE Splitter**

> AXIS T8127 60 W Splitter 12/24 V DC

**Application**

> Two-door solution with one 12 V lock and one 12 or 24 V lock

**AXIS Entry Manager Programming**

1. Configure Lock 1 for 12 V and Fail-safe
   - Lock 1:
     - 12 V
     - Fail-safe

2. Configure Lock 2 for Relay
   - Lock 2:
     - 12 V
     - Relay

3. Configure Lock 2 Relay for
   - Relay open = Unlocked (fail-safe lock)
     - Relay
     - Relay open = Locked
     - Relay open = Unlocked

4. Wire the LOCK connector and the RELAY|PWR connector according to the drawing.