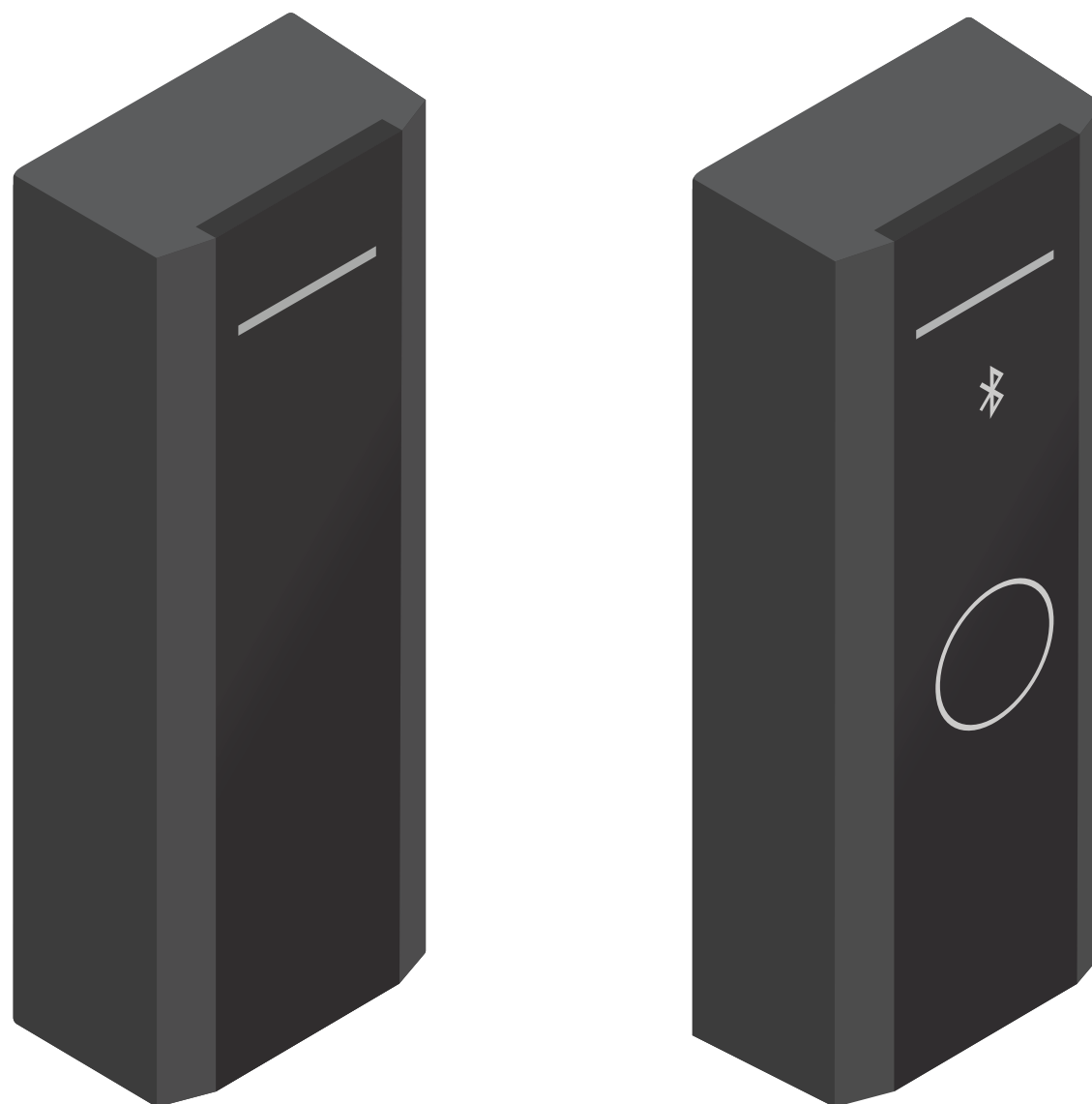
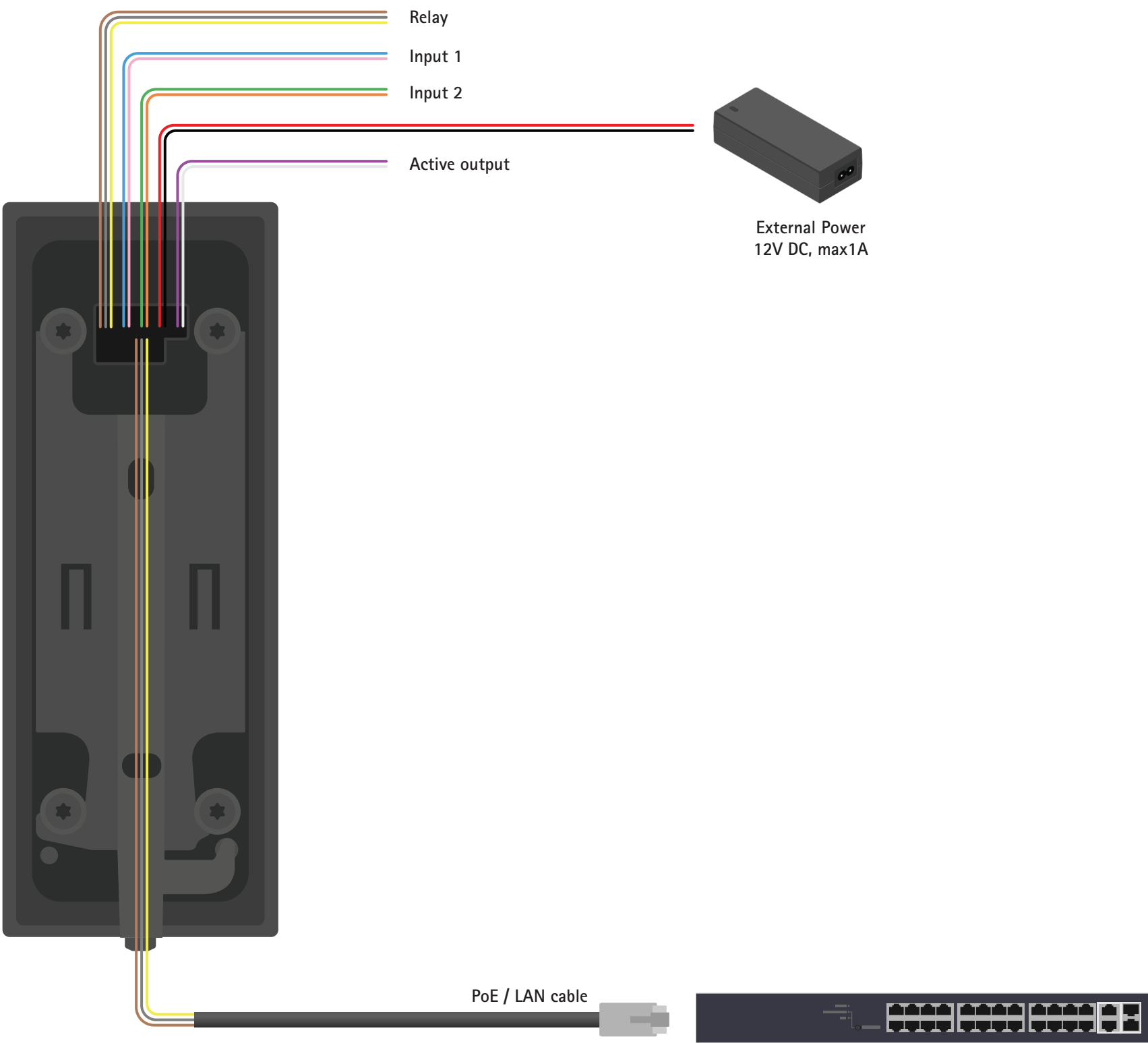




AXIS A4610, AXIS A4612



Power input



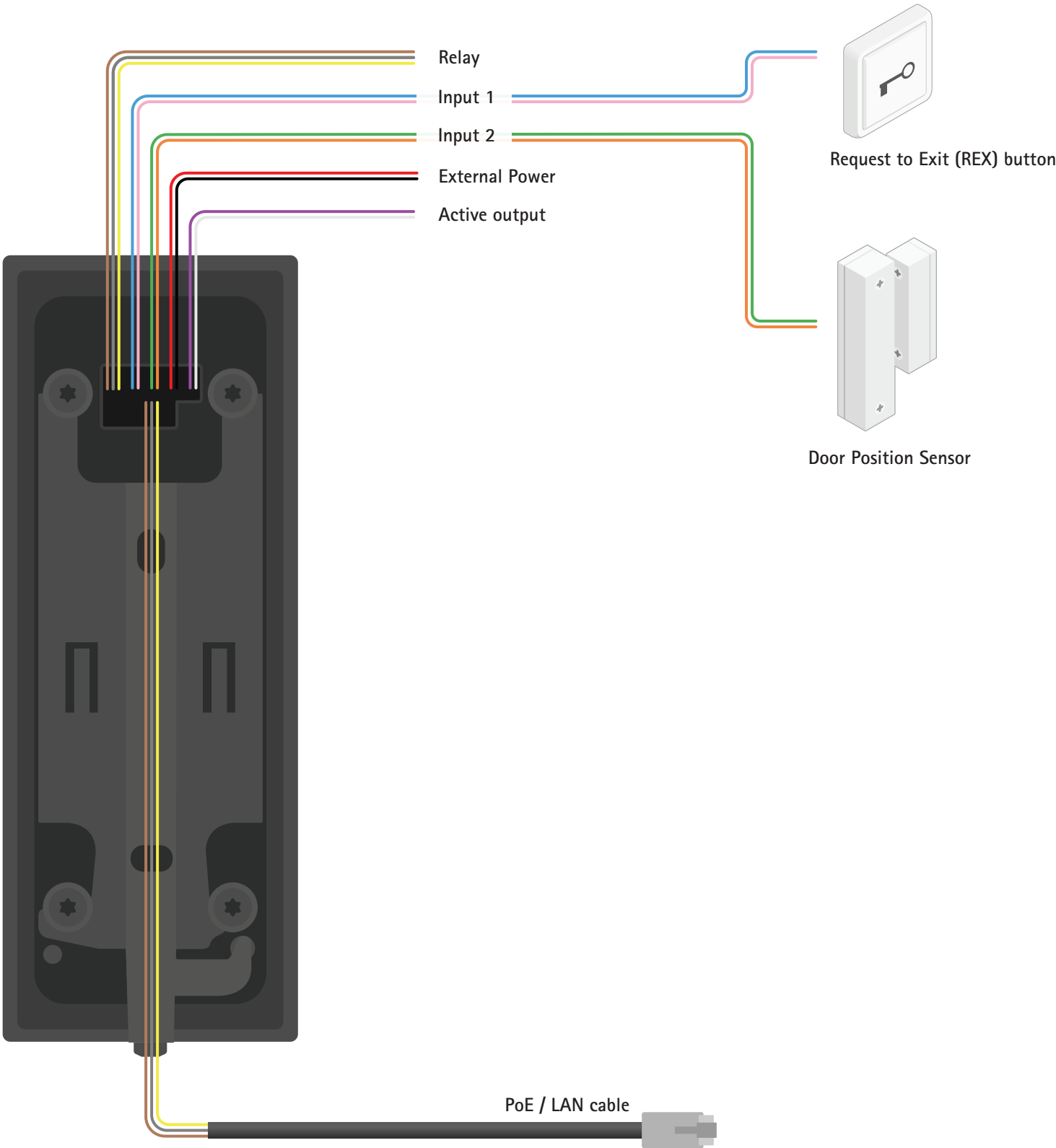
Application

Power the device with PoE or External power supply

Requirements

- > Power requirement:
 - > 12V DC, max 1A
 - > PoE: IEEE 802.3af Type1 Class 3
 - > Reader needs to be added in the door controller, check the controller user manual for more information

Door input



Application

Door inputs connected to the input of the reader

Add door position sensor

Connected to

☒ INPUT 1

☐ INPUT 2

Door open if

☒ Circuit is open

☐ Circuit is closed

Debounce time (ms)

0

Supervised input ☐ Off

Parallel-first connection

☒ 22k Ω parallel resistor and a 4.7k Ω serial resistor

Serial first connection

☐ 1k Ω

☐ 2.2k Ω

☐ 4.7k Ω

☐ 10k Ω

Add **Cancel**

Add REX device

Connected to

☐ INPUT 1

☒ INPUT 2

Action

☒ Unlock door

☐ None

REX active

☒ Circuit is open

☐ Circuit is closed

Debounce time (ms)

0

Supervised input ☐ Off

Parallel-first connection

☒ 22k Ω parallel resistor and a 4.7k Ω serial resistor

Serial first connection

☐ 1k Ω

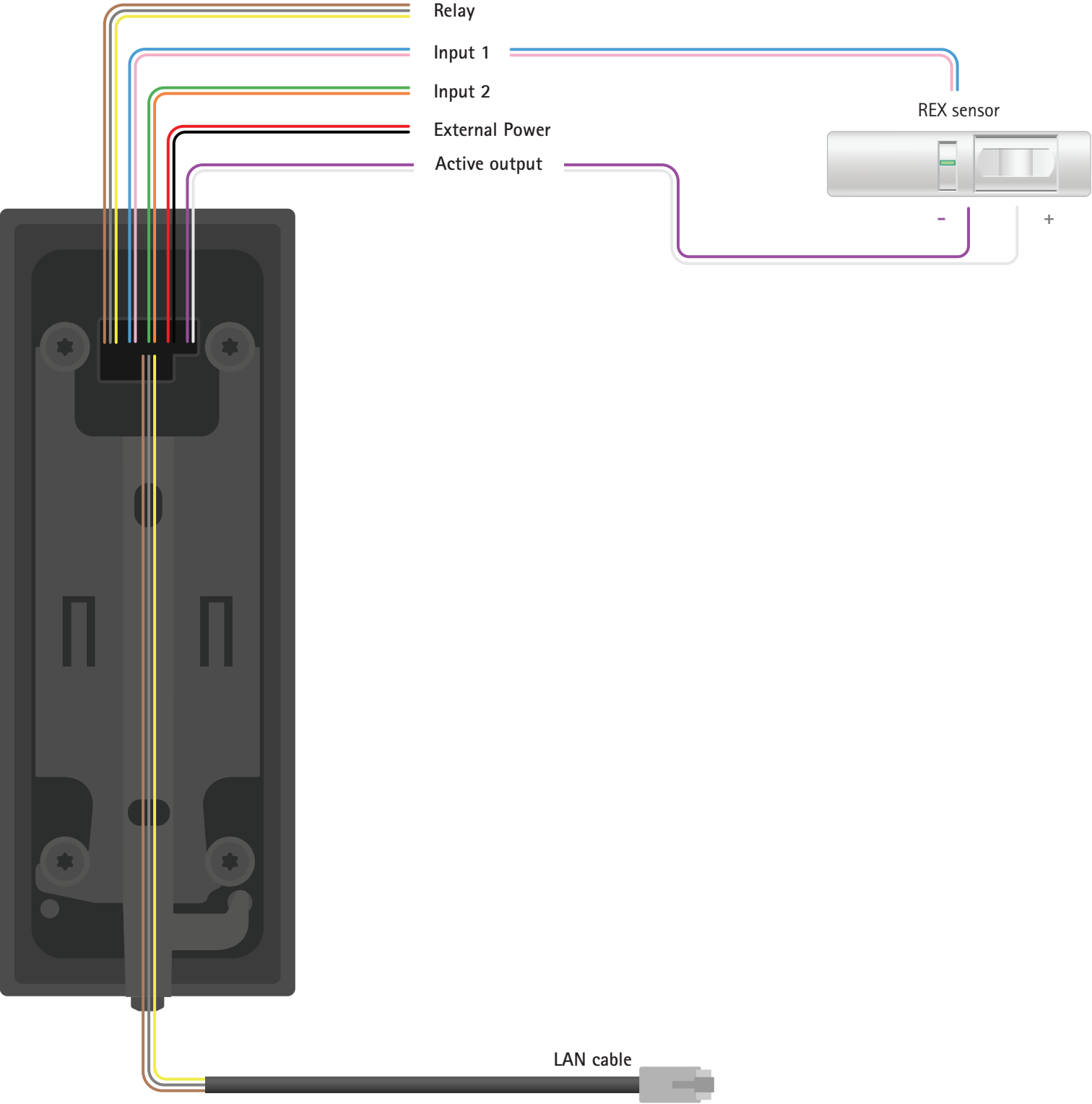
☐ 2.2k Ω

☐ 4.7k Ω

☐ 10k Ω

Add **Cancel**

REX sensor



Application

REX sensor powered through the active output and connected to the input

Requirements

Active output: 8 to 12V DC, max 600mA

Configuration of REX in ACS

Overview

Door settings ⓘ

Device	IP adress	Type	Security levels	Unlock schedules
AXIS A1601	172.25.11.55	Door	-	-

Name

door 1

Primary lock

A4612: Active output ▼

Secondary lock

Not connected ▼

Identification profile

Tap in app ▼

I/O

Active output

Logical state

Output state

OFF

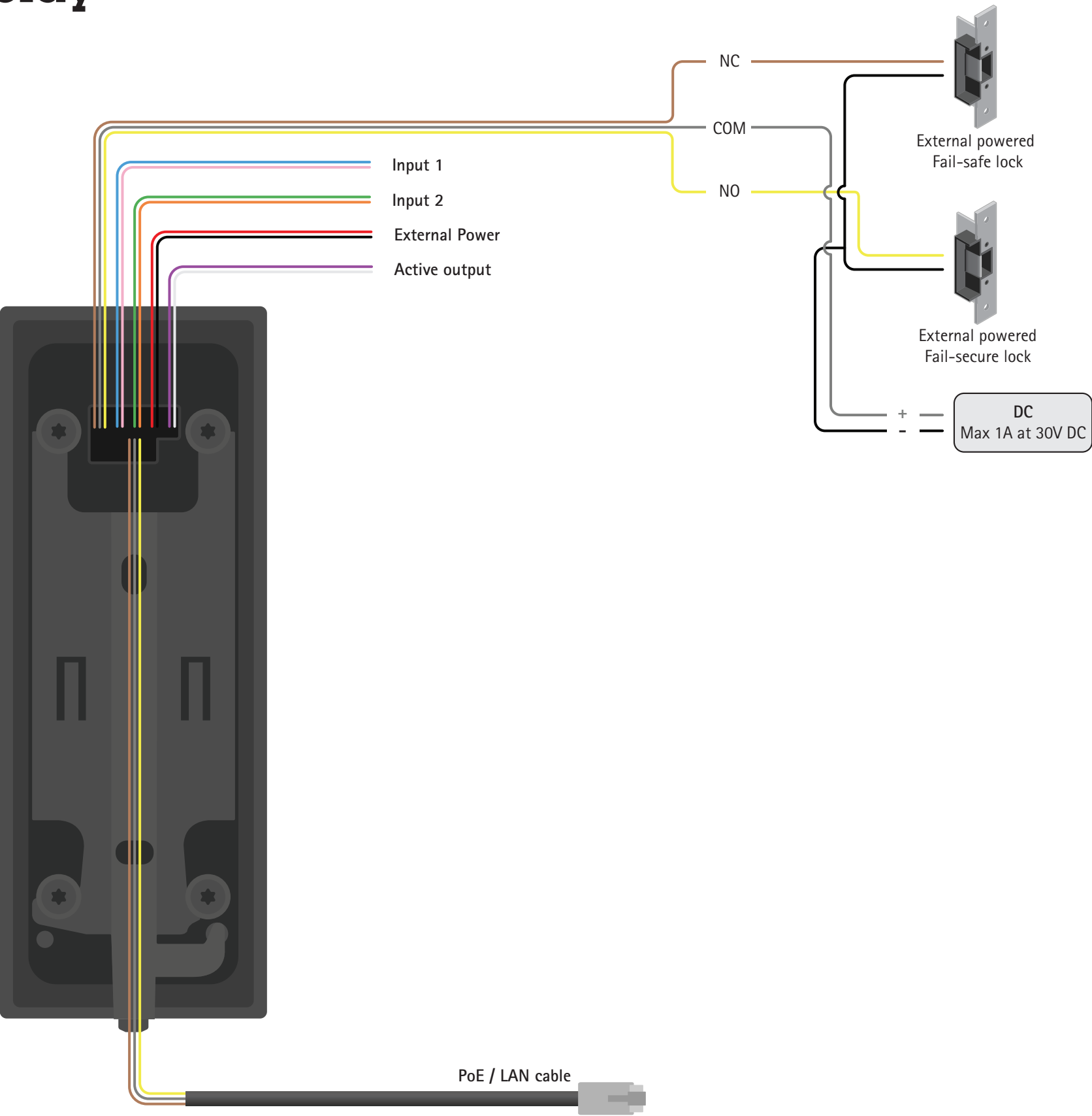
ON

Mode

Inverted ▼

TEST

Relay



Requirements

The lock connected to the device relay need to be externally powered

Relay specifications

Relay: 1 x relay NO/NC, max1A 30V DC

Configuration of locks in ACS

Overview

Door settings ⓘ

Device	IP adress	Type	Security levels	Unlock schedules
AXIS A1601	172.25.11.55	Door	-	-

Name

door 1

Primary lock

A4612: RELAY ▼

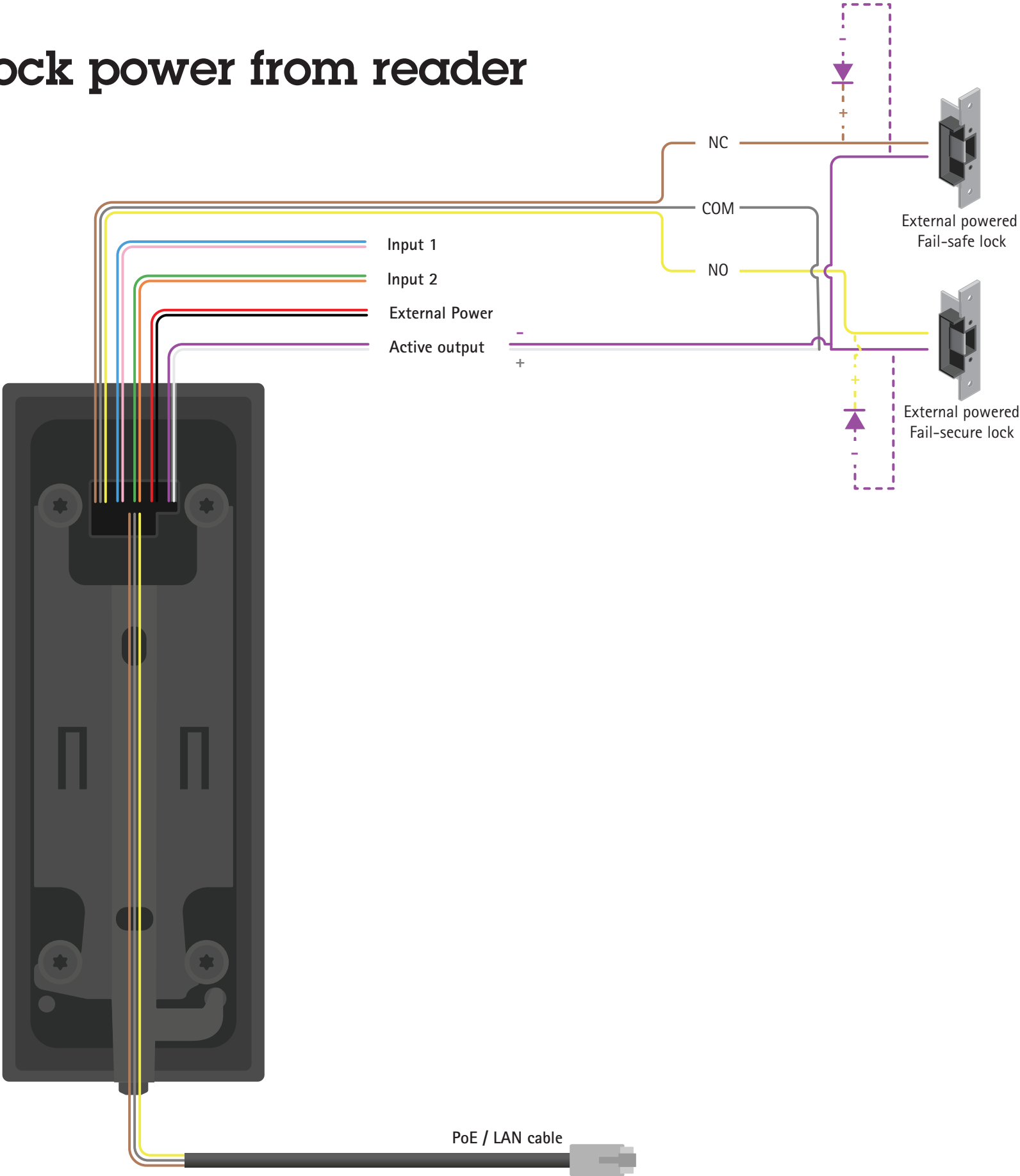
Secondary lock

Not connected ▼

Identification profile

Tap in app ▼

Lock power from reader



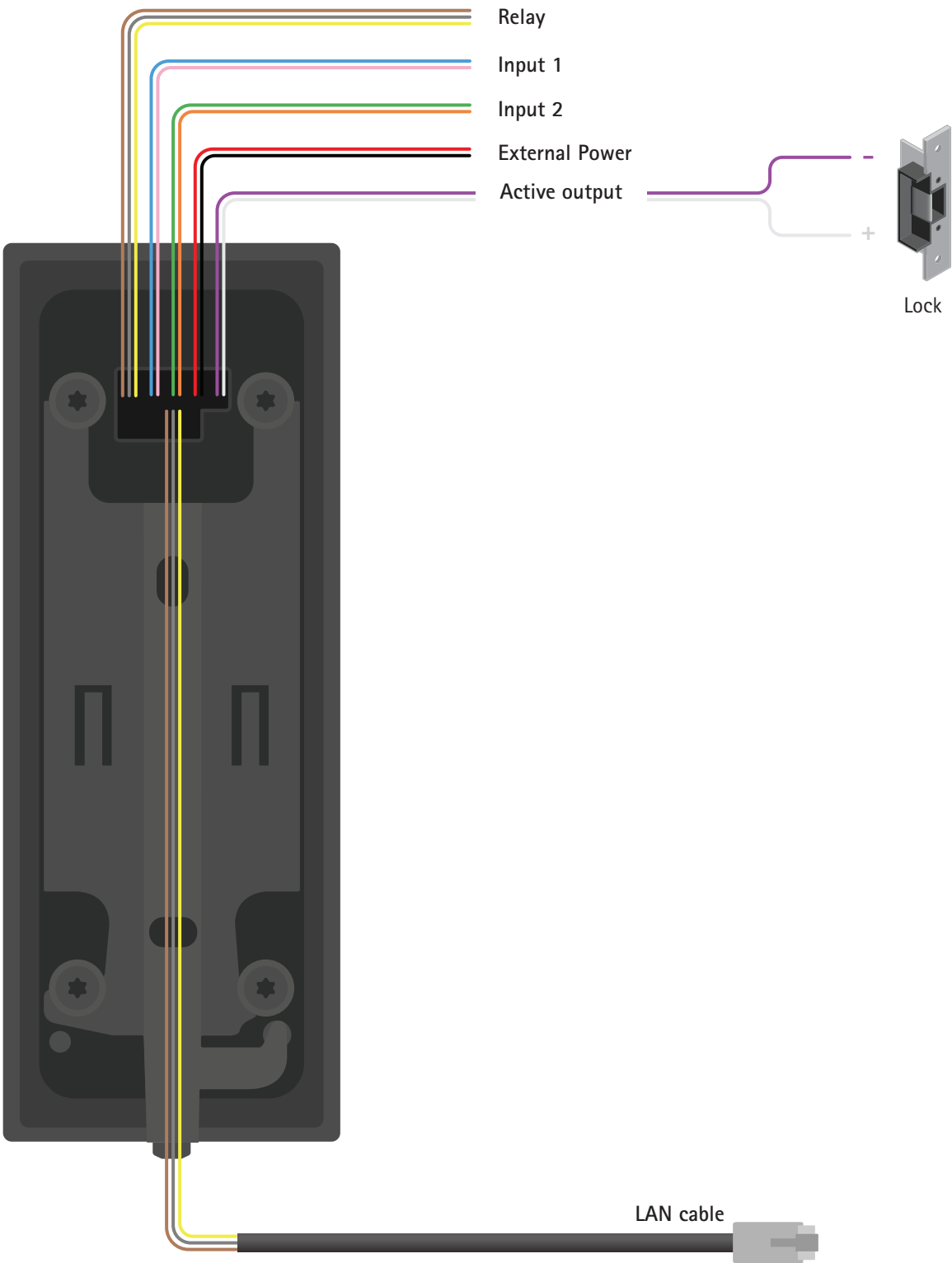
Application

Powering the lock using the active output

Requirements

Active output: 8 to 12V DC, max 600mA

Active output



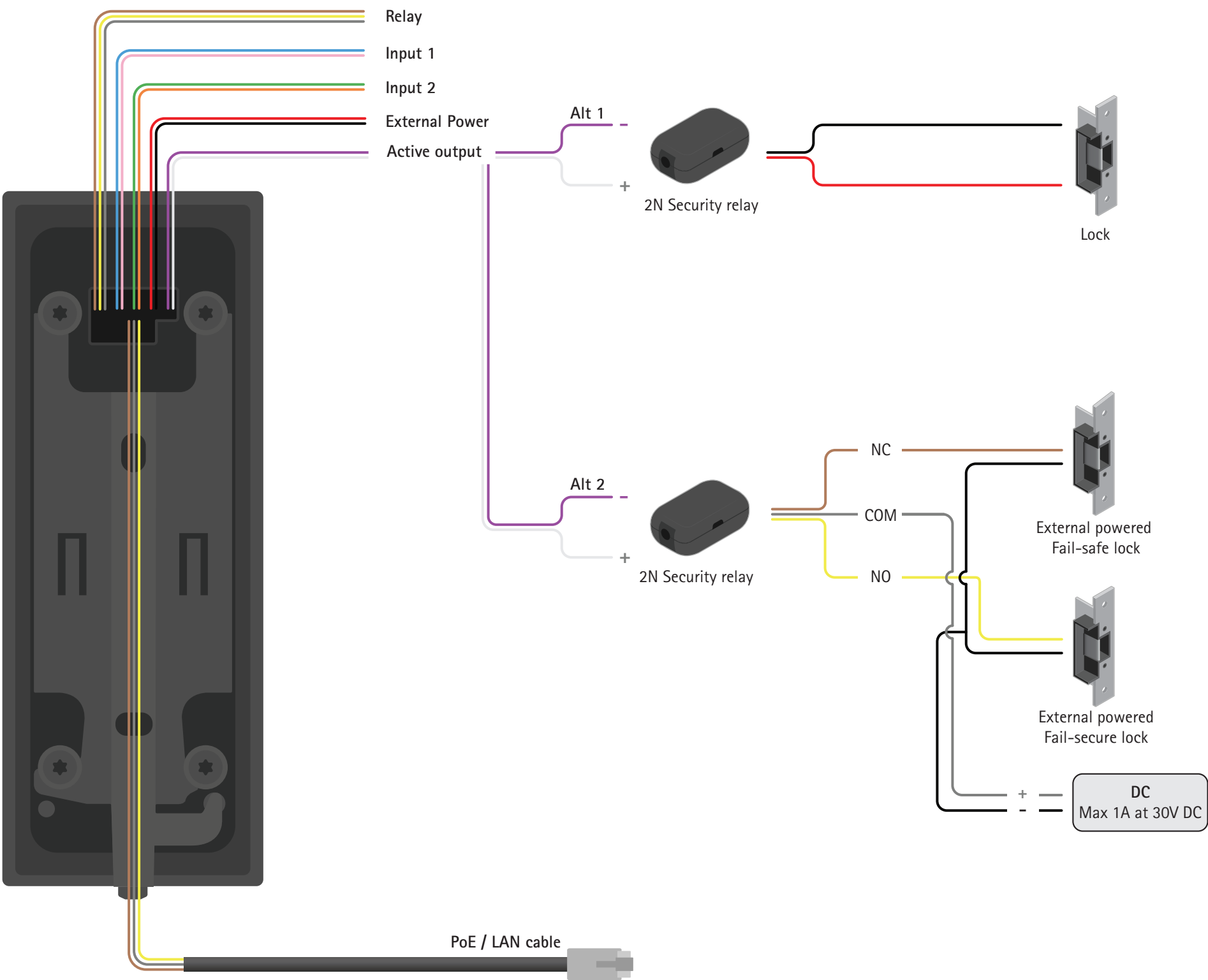
Application

Lock connected to the active output

Requirements

Active output: 8 to 12V DC, max 600mA

Security relay



Application

Lock connected to the security relay

Requirements

Additional security relay required. We recommend 2N security relay

Change mode from »Normal« to »Security« on A4612 device page

Minimum firmware requirement V2.48

Configuration of locks in ACS

Overview

Door settings ⓘ

Device	IP adress	Type	Security levels	Unlock schedules
AXIS A1601	172.25.11.55	Door	-	-

Name

door 1

Primary lock

A4612: Active output ▼

Secondary lock

Not connected ▼

Identification profile

Tap in app ▼

I/O

Active output

Logical state

OFF

Output state

OFF

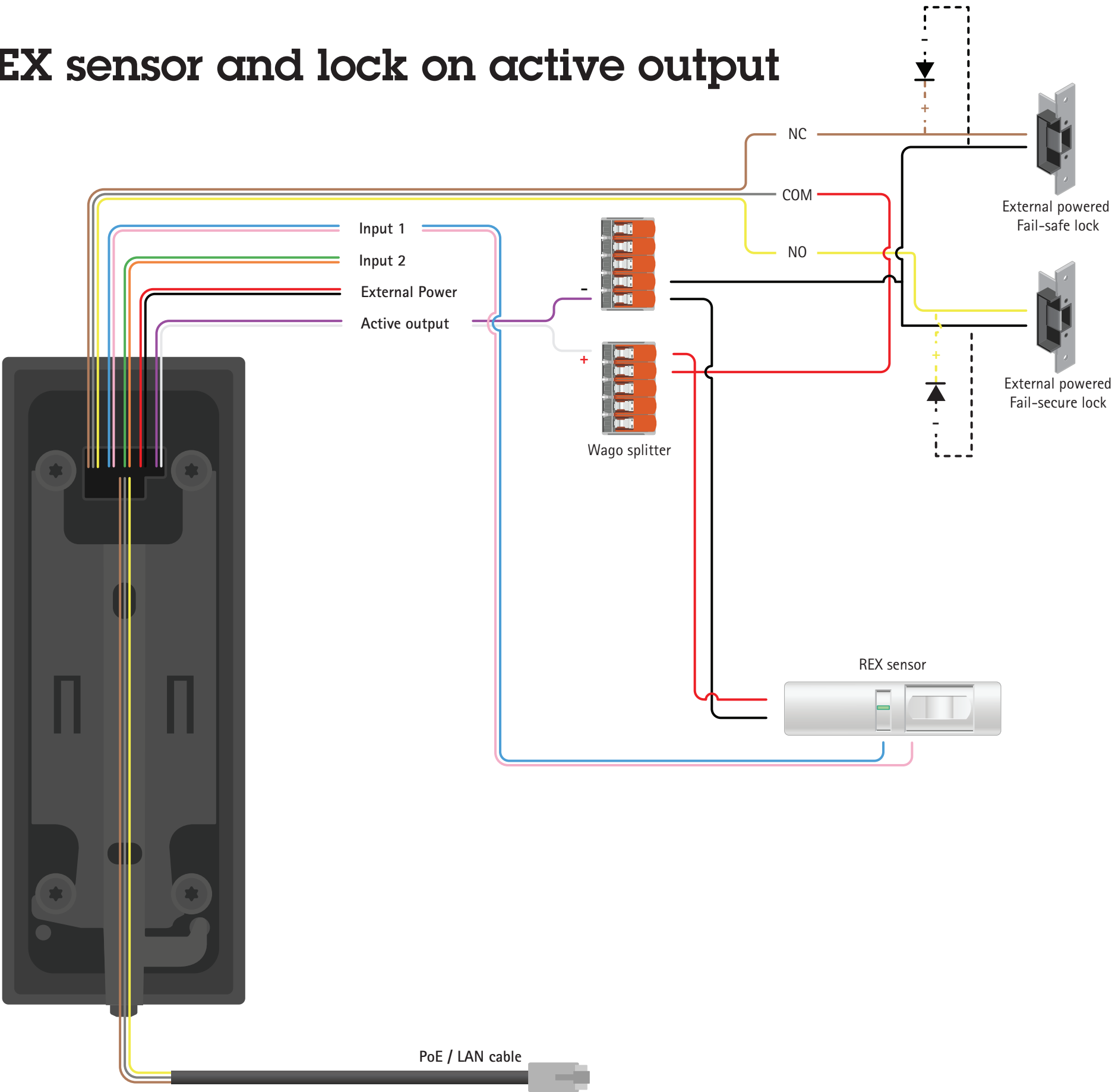
Mode

Security ▼

TEST

Electrical wiring drawings / AXIS A4610, AXIS A4612 / © Axis Communications AB, 2026 / May 2026

REX sensor and lock on active output



Application

Powering the lock and REX sensor using the active output of the reader

Requirements

Active output: 8 to 12V DC, max 600mA