

# Paxton10 - Output Connector

## Overview

The Paxton10 Output Connector is a dedicated output expansion module designed for use alongside a Paxton10 door controller. It enables the Paxton10 system to control multiple pieces of external equipment, extending system functionality beyond standard door hardware.

The Output Connector is ideal for applications where a high number of relay outputs are required without the need for additional inputs. Typical use cases include elevator control, signalling to building management systems, and switching high-current loads via external equipment.

The module provides 8 high-current relay outputs, allowing the Paxton10 system to control third-party devices in response to configured conditions and events. Relay contacts are rated for higher switching loads, making the Output Connector suitable for demanding integration scenarios.

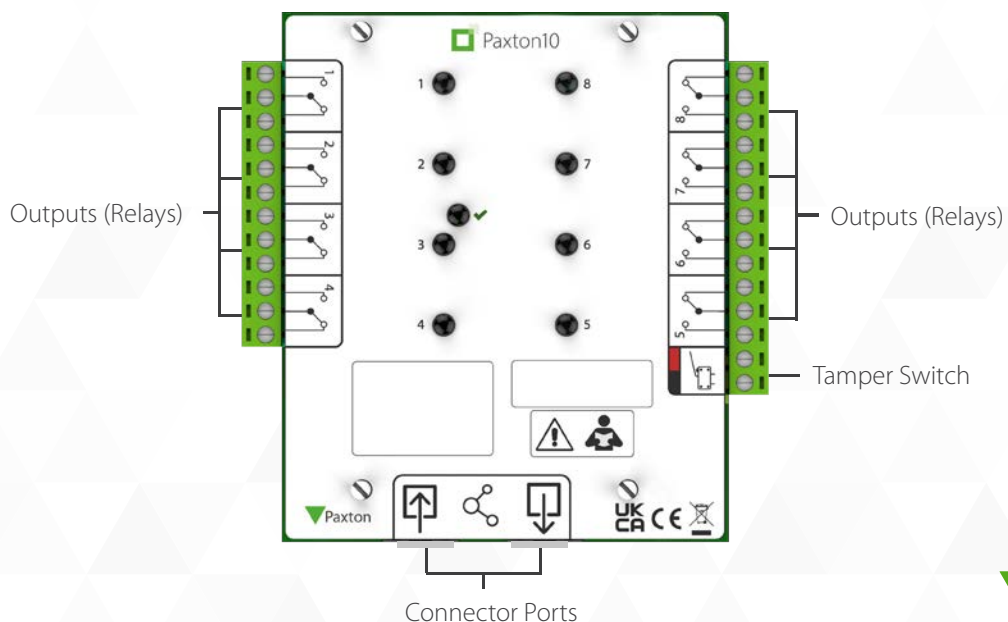
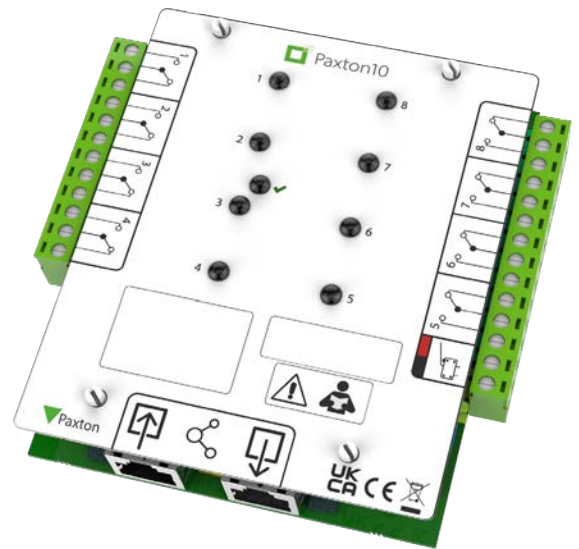
Communication between the Output Connector and the door controller is via RS485. Daisy-chaining is supported in mains-powered installations, allowing one additional I/O connector to be connected where required. PoE daisy-chaining is not supported.

The Paxton10 Output Connector is supplied as PCB only and is intended for installation within a suitable enclosure or control panel. It is designed for internal use; where external installation is required, appropriate weather protection must be provided.

**Please note:** The Paxton10 Output Connector is not a door controller. It operates as part of a Paxton10 system and must be connected to a compatible door controller (Single-door controller / Video-door controller).

## Features

- Eight high-current DC relay outputs
- RS485 communication
- Suitable for elevator control and high-load switching applications
- Ideal for third-party system integration
- PCB-only format for flexible installation
- Clear, intuitive labeling



# Specifications



## Electrical

|                              |   |
|------------------------------|---|
| Operating voltage            | 10V - 24V DC  |
| Current consumption          | 125mA   |
| Relay contact current rating | 16A   |
| Relay contact isolation      | 1000 Vrms - for 1 min Between open contacts<br>5000 Vrms - for 1 min Between contact and coil |
| Relay contact voltage (Max)  | 30VDC   |
| Relay contact frequency      | 50/60Hz   |



## Communication

|                             |   |
|-----------------------------|---|
| Wireless                    | No  |
| RS485                       | Yes   |
| RS485 speed                 | 1Mbps                                       |
| RS485 bandwidth requirement | 1Mbps                                       |
| Daisy-chain capacity        | Mains: +1 recommended<br>PoE: Not supported |



## Hardware

|                  |  |
|------------------|--|
| Cable type       | Ethernet (RJ45) 50m (164ft) length max |
| Tamper input     | Yes                                    |
| Outputs (Relays) | 8                                      |
| Warranty         | Paxton 5 year                          |



## Environment

|                       |   |
|-----------------------|---|
| Operating temperature | -4°F to 131°F   |
| Moisture resistance   | No - if used externally, it must be protected in a weatherproof housing |
| Vandal resistance     | Low   |



## Accessories and Sales codes

|            |  |
|------------|--|
| 010-432-US | Paxton10 - Output Connector                              |
| 010-403-US | Paxton10 - Single-door controller, PCB only              |
| 010-495-US | Paxton10 -Single-door controller, US, metal housing, POE |
| 010-522-US | Paxton10-Single-door controller, US, 12/24V 2A PSU       |
| 010-315-US | Paxton10 - Single-door controller, with plastic housing  |
| 010-755-US | Paxton10 - Plastic Housing                               |



## Dimensions

