

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.

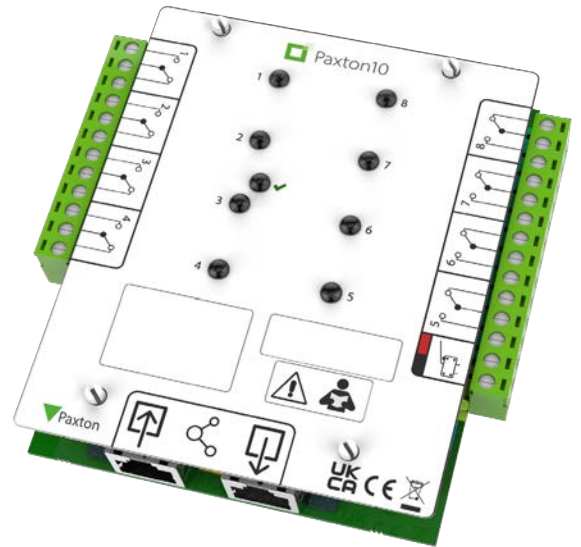
The Output Connector is ideal for applications where a high number of relay outputs are required without the need for additional inputs. Typical use cases include lift control, signalling to building management systems, and switching high-current loads via external equipment.

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.

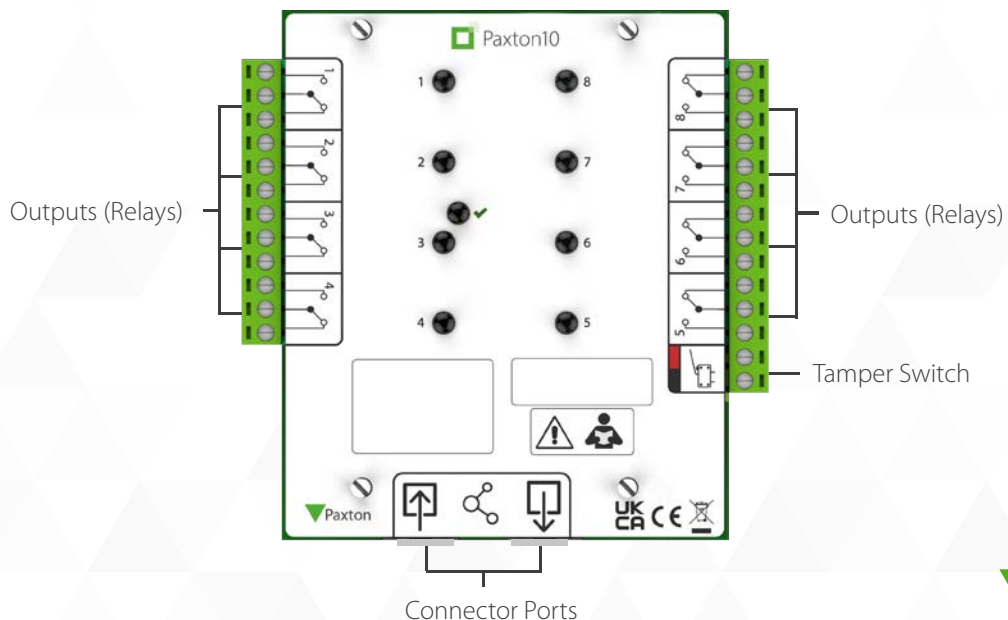
The Paxton10 Output Connector is supplied as PCB only and is intended for installation within a suitable enclosure or control panel. It is designed for internal use; where external installation is required, appropriate weather protection must be provided.

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 lift control and high-load switching applications
- Ideal for third-party system integration
- PCB-only format for flexible installation
- Clear, intuitive labelling



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 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 PoE: Not supported



Hardware

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



Environment

Operating temperature	-20°C - +55°C
Moisture resistance	No - if used externally, it must be protected in a weatherproof housing
Vandal resistance	Low



Accessories and Sales codes

010-432-AE	Paxton10 - Output Connector
010-403-AE	Paxton10 - Single-door controller, PCB only
010-052-AE	Paxton10 - Single-door controller, PoE
010-751-AE	Paxton10 - Single-door controller, 12V 2A PSU
010-315-AE	Paxton10 - Single-door controller, with plastic housing



Dimensions

