STANLEY®
Security Products

Access Control | PAC 530 Output Controller

Overview

The PAC 530 Output Controller communicates directly with the PAC 500 Access and Alarm Server, ensuring complete system security, resilience and reliability, when integrated with Stanley PAC security management software. It often acts as a key component in elevator access control.
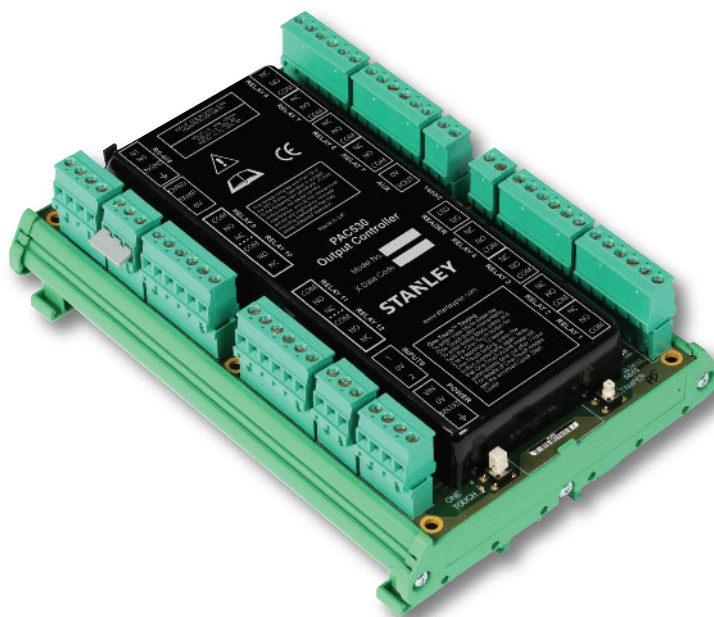
The PAC 530 monitors and controls ten 2-Amp and two 8-Amp programmable output relays are configurable as latched, momentary, toggling or pulsing. Two control inputs are configurable as Normally Open (NO) or Normally Closed (NC), with optional supervision via three or four state monitoring allowing the connection of devices like alarms, motion detectors and temperature sensors.

The Output Controller can also be used to integrate an elevator system within a Stanley PAC access control environment. Each PAC 530 can control up to 12 floors and multiple PAC 530s can be combined per car. Operating in conjunction with an PAC 500 and Two-Door Controllers (PAC 512 series) each floor is configured as an area and can be programmed with a specific period during which only access is possible to cardholders with appropriate access privileges. Options also include out of hours access and exit, together with an optional additional button selection time (ADA compliance).

The One-Touch™ installation mode shows the state of each input and output providing instantaneous polling and communication status at the controller with just the press of a single button, avoiding the need for a PC, complex programming and DIP switch configuration.
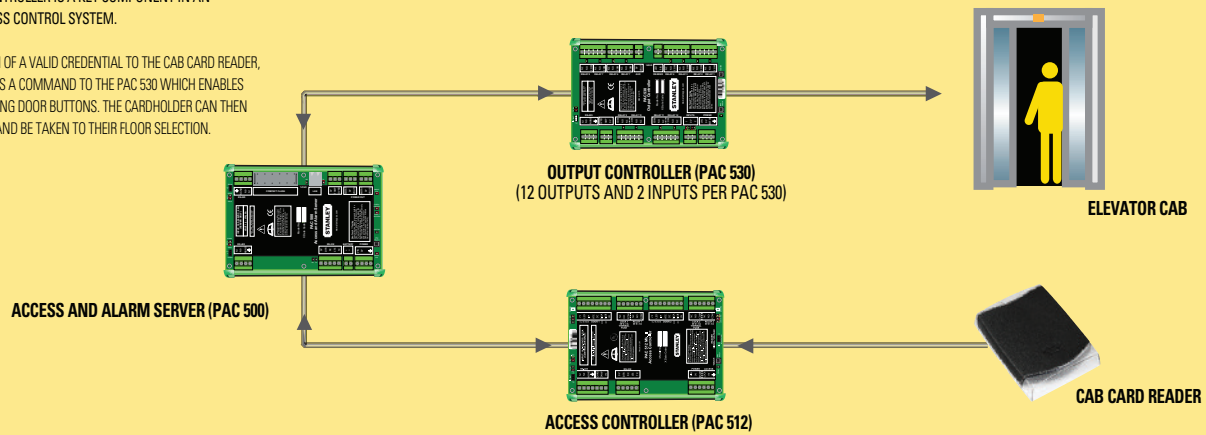
Key Features

- Ten Form-C 2-Amp contacts for load switching
- Two Form-C 8-Amp contacts for load switching
- Two programmable supervised or non-supervised user inputs
- 10.5 to 28VDC input power
- Dedicated override and tamper inputs
- Up to 48 output controllers can be multi-dropped
  via RS-485 from a single PAC 500
- Connects to the PAC 500 via RS-485
- Receives and processes real time commands from the PAC 500
- Reports all activity to the PAC 500
- Enables complex input and output linking with the PAC 500 and PAC 520
- Status LEDs show the states of all Inputs and Outputs
- Watchdog timer for maximum reliability
- One-Touch™ installation test mode. This installer test facility enables the
  functionality of each controller and its associated circuits to be tested locally,
  by simply pressing a single button without the need for a PC or programming
- Elevator control
- Onboard RS-485 termination jumper
- One polyfused 100mA auxiliary voltage output
- AC status monitored and reported
- Downloadable firmware updates
- DIN-Rail mounting for ease of installation (removable)

RoHS
2002/95/EC
compliant

One Touch™

STANLEY®

ELEVATOR CONTROL

THE OUTPUT CONTROLLER IS A KEY COMPONENT IN AN
ELEVATOR ACCESS CONTROL SYSTEM.

ON PRESENTATION OF A VALID CREDENTIAL TO THE CAB CARD READER,
THE PAC 500 SENDS A COMMAND TO THE PAC 530 WHICH ENABLES
THE CORRESPONDING DOOR BUTTONS. THE CARDHOLDER CAN THEN
PRESS A BUTTON AND BE TAKEN TO THEIR FLOOR SELECTION.

OUTPUT CONTROLLER (PAC 530)
(12 OUTPUTS AND 2 INPUTS PER PAC 530)

ELEVATOR CAB

CCTV

LIGHTING

AIR CONDITIONING

ALARM BEACON

PLANT

LIFT

ACCESS AND ALARM SERVER (PAC 500)

ACCESS CONTROLLER (PAC 512)

CAB CARD READER

CONTROLLERS AND OPTIONS

7S-530	PAC 530 Output Controller (DIN-Rail Mount)
7S-DIN4X	Metal, lockable DIN-Rail Enclosure (20.47 in x 19.69 in. x 3.74 in.) accommodates 4 devices, UL Listed
7S-DIN6X	Metal, lockable DIN-Rail Enclosure (27.56 in. x 19.69 in. x 3.74 in.) accommodates 6 devices, UL Listed
7S-PSU3A	12 or 24 VDC 3 A power supply with built-in charger for sealed lead acid or gel type batteries (DIN-Rail Mount)
7S-PSU7A	12 or 24 VDC 7.2 A power supply with built-in charger for sealed lead acid or gel type batteries (DIN-Rail Mount)

SPECIFICATIONS

Primary Power	The PAC 530 is for use in low voltage, power limited, class 2 circuits only
Input Power:	10.5VDC @ 60mA to 28VDC @ 30mA
Communication Ports	RS-485
Outputs	Ten 2-Amp Relay Outputs, configurable as latched, momentary, toggling or pulsing
	Two 8-Amp Relay Outputs, configurable as latched, momentary, toggling or pulsing
Inputs	
Input Control Points	2 programmable supervised or non-supervised contacts
	Software configurable as N/O (normally open), N/C (normally closed) and two, three and four state sensor configuration
Tamper and Door Override:	Programmable as supervised or unsupervised circuits, dedicated
Power Fail Monitors (MSTAT):	Unsupervised, dedicated
Status LEDs	RS-485, Input Status, Output, System Status
Wiring Requirements	RS-485: CAT5 or CAT 6 up to 3000ft or 22AWG cable up to 500ft total cable
Mechanical	
Dimensions:	H: 7.3" W: 5.1" D: 5.1"
Weight:	14oz. nominal
Environmental	
Temperature:	Operating: 14F to 130F Storage: -13F to 176F
Humidity:	0 to 85% RHNC
Approvals:	ETL certified for UL 294. CE-marked and ROHS compliant
Warranty	5-Year Limited Warranty