

Feature Focus

RELATED PART NO'S

xPLAN Software
All reader types
P100-LAC controller types

DESCRIPTION

'in-car' elevator control interface

Modular 16-stop elevator control interface for up to 64 controlled stops.



P100LAC Series elevator controllers – The P100lac series has been designed to meet the needs of PLAN system users who have a requirement to restrict access to selected floors using an in-car elevator control reader.

Although 'basic' lift control can be achieved using spare ports on the standard xP1m, P200 or P400's (e.g. lift call or in-card enabling of a fixed group of floor select buttons), for advanced lift control there is a dedicated controller option (P100/lac).

To access a restricted floor, when a cardholder enters a controlled lift, he/she will be required to present their card prior to destination selection. When a card is read, only those buttons for floors allocated to that person will become activated. The system allows each cardholder to enable only their authorised floor select buttons within the lift car.

More advanced functionality (such as cancellation of all buttons once a selection has been made) is dependant on the lift system manufacturer.

The system is available with, or, without the PSU option and is suitable for use in dedicated copper-wired networks as well as in Ethernet and WiFi implementations.

The flexibility of the design allows the system to be used with the latest 'hall-call' destination selection panels, where the floor select buttons are located outside the lift car in place of the standard lift call button (subject to support for this feature by the elevator supply company).

The interface between the PLAN system and the lift control equipment is via a bank of 16 relays which switch selectively based on the privileges assigned to the card. The P100lac units can be cascaded to control up to 64 controlled stops from a single in-car reader. It should also be noted that this type of elevator control requires a separate device for each controlled lift.



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