

The optional Lift Interface board enables extensive control and monitoring of lift car operation and floor access. Up to 32 floors may be controlled and monitored per Universal Expander using up to four optional Lift Interface boards and a Lift Interface Extension Cable (995019).

Each Lift Interface board has 8 opto-isolated zone inputs and 8 relay outputs to provide the facility to connect to lift control systems. Button feedback can be enabled where required. This feature ensures that only one button can be pressed per valid card read. Additionally, Concept 4000 provides the means for different sets of floor buttons to be made available depending on the user attempting to access the lift buttons.

Features:

- Each Control Module will secure up to 64 floors and 16 lift cars. Custom configurations will allow 32 lift cars. For larger applications, use multiple Control Modules linked using Insight software
- Lift access readers are interfaced using standard Concept 4000 Door Access Modules
- Button feedback supported. Logs user and selected floor.

SPECIFICATIONS

Physical

PCB Dimensions	180(L) x 68(W) x 20(D) (mm)
Installation Environment	0° – 40°C @ 15% to 85% Relative humidity (non-condensing)

Electrical

Input Voltage to PCB	Via host Universal Expander
Operational Current	Min.: 45mA (No relays active) Max: 170mA (All relays active)

Inputs

Zone Inputs	8 (Special opto-isolated button sense inputs)
Button input voltage	16-120VDC full wave rectified, non regulated.

Outputs

Relay outputs	8
Max. switchable current per relay.	500mA @ 16 - 48V DC/AC RMS 200mA @ 60 - 150V DC/AC RMS (30W/62.5VA)
Max. combined output current	To be included within the constraints of the host Universal Expander

Relay Extension Cable

If there is a requirement to install Relay Expander Boards away from their controlling module, or a need to connect more than one Relay Expander Board to a Universal Expander, the 440mm Relay Extension Cable can be used. It has 6 DIL 20 way sockets to connect relay boards to a Universal Expander.



Shown: Universal expander fitted with 4 Lift interface boards mounted into an extra large powered low profile enclosure. With this configuration, it is possible to service 32 floors.

Ordering options

994020

Lift Interface Board for Universal Expander



995019

Relay Extension Cable With 6 DIL 20 way sockets

