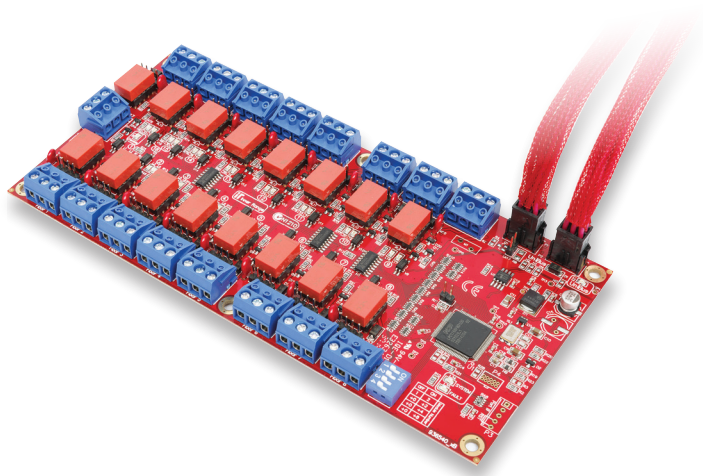


The UniBus 16-Floor Lift Interface device provides an efficient integration between the Integriti Security System and a lift system. This facilitates managed and secure floor access for users within multi-story buildings and apartment blocks. The UniBus Lift Interface device utilises a low-level button feedback interface between Integriti and the lift system. It incorporates input conditioning and switching to provide the isolation required between the two systems.

Using an Integriti UniBus cable, the device connects directly to the Integriti host module or via another UniBus device.

Up to 6 UniBus 16-Floor Lift Interface devices can be connected to a single host module to provide access control for a single lift car servicing up to 96 floors. (Multiple lift cars require multiple host modules)

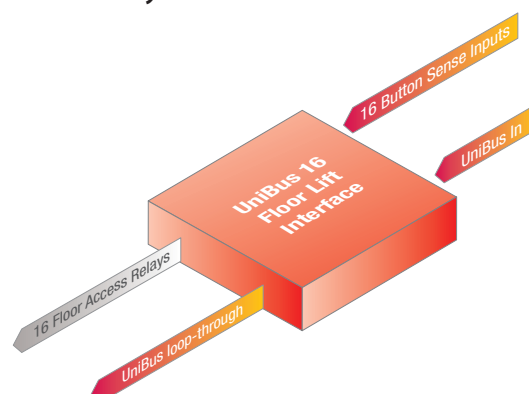


| | UniBus Device Compatibility Guide | UniBus Host Module | | | |
|---------------|--|--------------------|----------|--------------------|----------|
| | | ISC | IAC | 8 Zone Expander | ILAM |
| UniBus Device | 8 Zone Expander | 2 | 0 | 3 | 0 |
| | 8 Relay Expander | 4 | 4 | 4 | 2 |
| | 2 Door / 2 Reader Expander | 0 | 3 | 0 | 3 |
| | 16 Floor Lift Interface | 6 | 6 | 6 | 6 |
| | RS-232/RS-485 UART | 4 | 4 | 0 | 0 |
| | Analogue Expander | 4 | 0 | 6 | 0 |
| | 2 nd Network Interface Card | 1 | 1 | 0 | 0 |

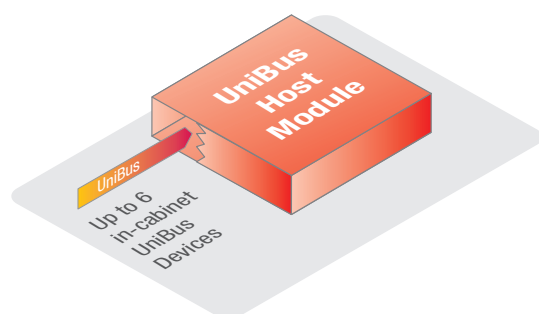
Features

- Low level with button feedback UniBus connectivity
- Compatible with a range of Integriti host modules
- Manage 16 floors per device
- Connect up to 6 devices per Integriti host module
- Wide range of button input voltages
- Button sense input per floor
- Override input to allow free access mode
- Isolation between lift and Integriti system
- Firmware upgrades over-the-wire

Connectivity



UniBus Installation



UniBus Devices are designed for installation within the same enclosure as the UniBus host module. A UniBus host can interface a maximum of six UniBus devices in any combination, provided they are all within the intended functionality of the host module

Specifications

Physical

| | |
|---------------------------|--|
| PCB Size Code: | Integriti "B" size |
| PCB Size: | 200(L) x 94(W) (mm) |
| Height: | 15(D) (mm) (28mm with UniBus cable connected) |
| Installation Environment: | 0°C - 70°C @15% - 90% Relative humidity (non-condensing) |

Electrical

| | |
|-----------------------------|--|
| Power Supply Input: | 11V to 14V DC via host module |
| Static Current Consumption: | 55mA PLUS 16mA per relay. Approximately 310mA when all relays are on |

Contact Rating

| | |
|----------------------------|--|
| Maximum Switching Current: | 500mA @ 16 – 48V DC/AC RMS 200mA @ 60 – 110V DC/AC RMS (30W / 62.5VA) 50VAC |
|----------------------------|--|

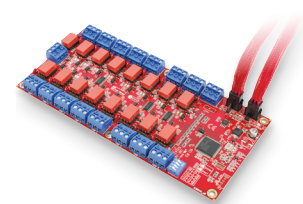
Connections

| | |
|----------------------------|--|
| Relay Contacts: | 16 x NC outputs |
| Override Input: | 1 |
| Button Sense Inputs: | 16 |
| UniBus Port: | 1 |
| UniBus Loop-Through Port: | 1 |
| Connection to Host Module: | Via 270mm UniBus patch lead (supplied) |

Compliance

| | |
|---------------|--|
| Electrical |  |
| Environmental |  |

Ordering Options



996540PCB&K

Integriti UniBus 16 Floor Lift
Interface device PCB & Accessories
(Includes 270mm UniBus patch cable)



Spare UniBus patch cables

996791SS - UniBus Patch Cable 150mm
996791S - UniBus Patch Cable 220mm
996791L - UniBus Patch Cable 270mm
996791LL - UniBus Patch Cable 475mm
996791XL - UniBus Patch Cable 675mm