Connex-02

Product Datasheet

KEY FEATURES

- User defined inputs and outputs
- Real-time remote lift monitoring and control through the AVIRE HUB
- Log engineer arrival and departure time
- Perform remote lift soft reset
- Opto-isolated inputs and outputs.
- DIN Rail Mounted
- Compact mechanical footprint
- Quick and easy to install
- Monitoring of lift out of service, maintenance mode, door cycle count and engineer on site

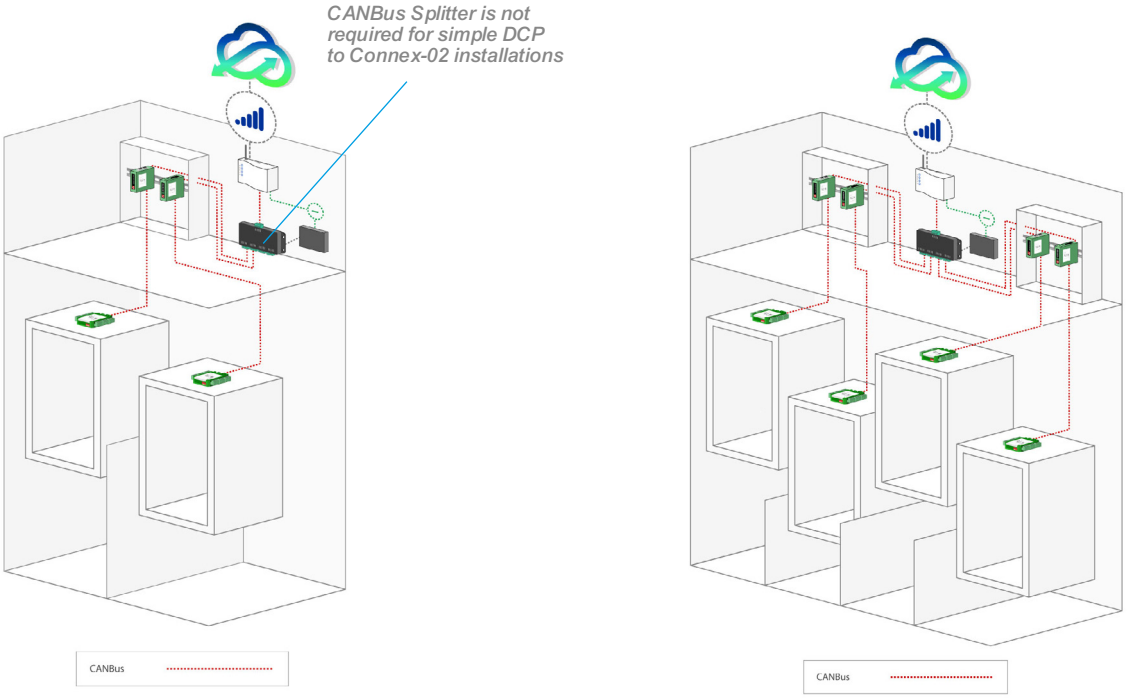
The Connex-02 is an MK-CANBus enabled module that, in conjunction with a Digital Communication Platform (DCP), provides remote lift monitoring and control through the AVIRE HUB.

The Connex-02 has inputs and outputs that are fully configurable through the AVIRE HUB. Each input (channel) has different monitoring modes to choose from, including if the lift is in or out of service, showing when the lift is in maintenance mode, logging engineer arrival and departure and monitoring of the door open and close cycles.

In addition, the Connex-02 allows a fully configurable Event Monitoring mode where the user can connect any device and enter the name of the event on the AVIRE HUB which will be visible in the events log.

Connex is a small form factor DIN rail mounted device, that can be easily mounted in a motor room/MRL cabinet, top of car, or behind COP. A maximum of two devices can be installed per lift shaft allowing connectivity in both lift car and motor room.

Connex-02



Typical system architecture for Connex-02 on a 2 and 4 lift configuration

Ordering Information

Part	Description
AC-AMD00-110-F-C0-000	Connex-02
AC-2CM10-100-F-20-000	Digital Communication Platform - 2G/RS-232
AC-4CM10-100-F-20-000	Digital Communication Platform - 4G/RS-232
AC-ASM00-100-F-00-000	CANBus Splitter (not required for simple DCP to Connex-02 installations)

Technical Specification

Parameter	Value
MK-CANBus Powered	Yes
Power Supply	12-24V
Current Consumption	50mA max
Power Consumption	1W max
Connections	5 inputs and 2 outputs
Inputs – Type	Schmitt trigger optocoupler
Inputs – Max Voltage	30V
Inputs – On Threshold	4 – 8V
Inputs – Hysteresis	1V Typical
Outputs - Type	Optocoupled photo relay
Outputs – Max Voltage	30V
Outputs – Max Current	350mA (No short circuit protection)
Outputs – Voltage drop	1V max
LEDs	Power, CAN activity, input status, output status
Dimensions	102 x 22.5 x 112 (mm)

As a result of our policy of continual improvement, the information in this document is subject to change without notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.

AVIRE
AVIRE-GLOBAL.COM

AVIRE Australia
Unit 39 | 110 - 116 Bourke Road | Alexandria NSW 2015 | Australia
+61 (2) 9669 1102
sales.au@avire-global.com