

DLon I/O interface

The DLON I/O interface almost wholly integrates older and third-party lift control types and moving staircases into the remote monitoring system VisualLift.

The interface module is connected parallel to existing lift controls or moving staircases.

A number of inputs are used to determine dynamic travel information such as direction of travel, level status, flush with floor level, trip numbers, incident and malfunction reporting. In addition, the status of the safety circuit is displayed and reported

to the Visualift remote monitoring system. Outputs are used to activate control signals such as calls, for example.

The modular layout means that the DLON I/O interface can be adapted to various control and safety circuit voltages.

The DLON I/O interface is equipped with two communication interfaces, alternately establishing connection to the building automation system. A LonWorks™ interface renders the DLON I/O interface network-capable. A V.24 interface enables the device to communicate directly with a moni-

toring centre in stand-alone operation.

LED displays on the front provide permanent information regarding all significant operational status conditions of the component.



Technical Data

Rated voltage:	24 V DC (minimal 20 V DC, maximal 30 V DC)
Current consumption approx.:	120 mA (plus up to 100 mA per activated output)
Dimensions:	270 mm x 140 mm x 70 mm

Interfaces

- LONWORKS™ interface 78 kbit/s twisted pair
- V. 24 interface, configurable from 1,200 to 19,200 Baud

Inputs

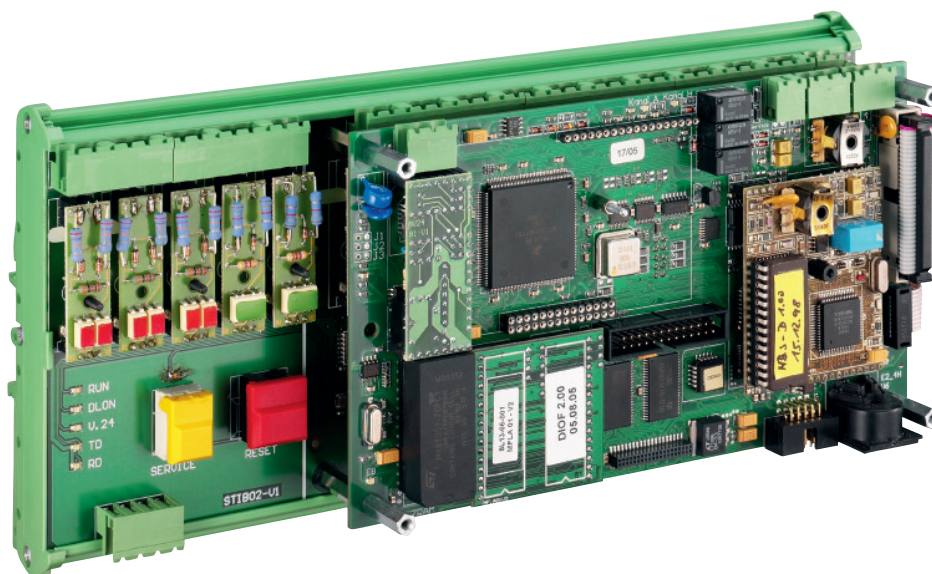
- All inputs can be operated with both AC and DC voltage, without regard to polarity.
- Quantity: 16
- Voltage range: AC / DC: 20-60 V ; 40-140 V; 130-250 V

Outputs

- The outputs are primarily foreseen for the connection of additional control or signal relays.
- Quantity: 4
- Switching voltage: 24 V
- Switching current: 100 mA
- Safety: Overload and short circuit protection

Technical characteristics

- Variable voltage ranges
- Serial interface for the direct connection of a PC or modem
- LonWorks™ interface (network connection)
- Operating hour counter
- Trip counter
- Incident memory
- Transfer of dynamic trip data
- Safety circuit monitoring
- Parametrisation via LON hand terminal
- Compact construction
- Top hat rail mounting



DLon I/O interface