

## DIO-01F

Digital I/O module

30.5.2007

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### Features

- Single channel Digital I/O module
- Isolated
- Open collector output
- Standard flanged enclosure
- Full duplex input & output
- Linnet connection

### Application

- Relay driver
- Fire detector interface & power
- Door switch interface
- Alarm systems
- Industrial control systems

### Description

DIO-01F is a single channel input / output module for digital signals. Input and output directions have individual connectors and can be used simultaneously. Output is open collector type and has drive ability up to 24V / 20mA. Input direction operates from 5V to 24Vdc.

### Instructions

CAT6 type Linnet cable shall be connected to the network connector. After system is powered up the module shall be configured as I/O group type or delay group type, depending of the application.

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### *Technical specifications*

Parameter	Value	Unit
Low level input voltage	0 – 1	Vdc
High level input voltage	5 – 24	Vdc
Input resistance	2k	ohm
PWR supply voltage output	9	Vdc (other voltages available)
PWR supply current	50	mA
Open collector output sink	80	mA
Open collector voltage tolerance	+24	Vdc
Operating temperature	-20 ...+50	Celsius
Dimensions	50 x 66,5 x 20	mm

### *Ordering*

DIO-01F            Single channel Digital I/O module