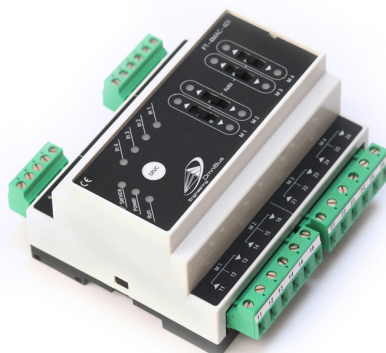
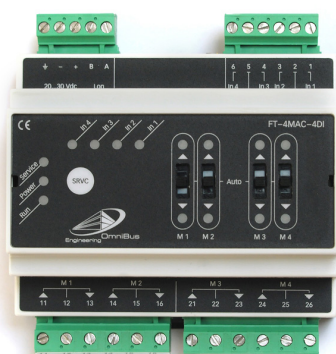


Module FT-4MAC-4DI

The module was designed for the control of motors for shading systems, and may be integrated with weather stations and luminosity sensors.



DESCRIPTION

The LonWorks® module provides four digital inputs and four outputs for the management of AC motors.

To each output corresponds a manual switch with 3 positions (Up / Auto / Down) that allows to force operations independently from the application.

The state of the digital inputs and the commands for the motors is visualized using LEDs.

With its very flexible application developed according to the LonMark standards, this module is suitable for the management of sunscreens, venetian blinds with swiveling lamellae, projection screens, etc..

Various types of commands with different priority are supported such as local and remote commands, regulation according to luminosity, signals from weather stations, window contacts, etc..

The LNS-configuration plug-In allows to define the various parameters in a very simple and intuitive way.

MAIN FEATURES

- 4 outputs for the management of AC motors
- Control for reverse movement
- 4 digital inputs
- Manual commands
- Integration with luminosity sensors
- Integration with weather stations

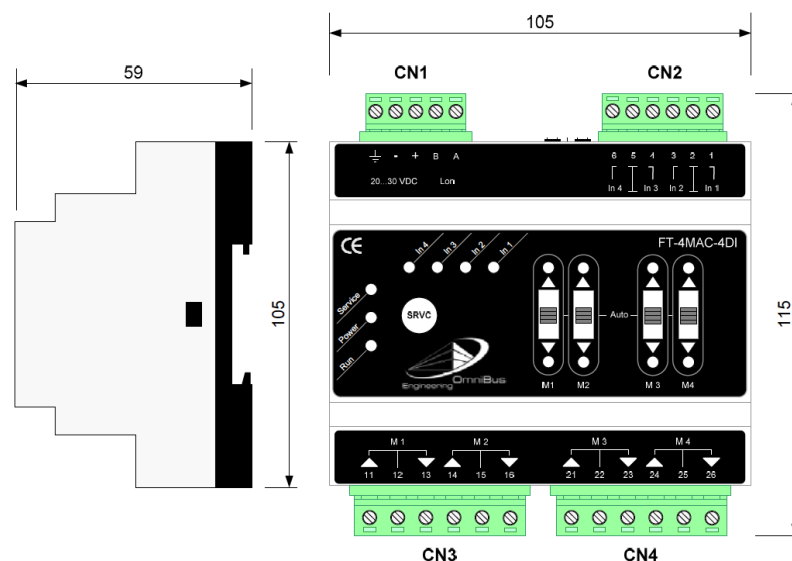


MODULE FT-6DOP-4DI

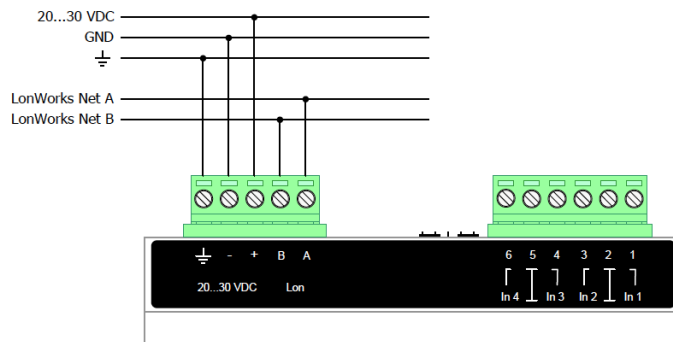
Technical specifications

Power supply	20 ... 30 VDC Maximum consumption : < 3.5 W
BUS	LonWorks FTT-10 78Kbps 2-wire without polarity
CPU	Neuron chip FT3150 @ 10MHz 48K Flash 8K RAM
Controls	Service button (Service Pin) switches with 3 positions (▲ - Auto - ▼) for the manual control of the motors (operation independent from the application)
LED Indicators	Power LED (green) Presence of power Service LED (red) Service indicator Run LED (yellow) Application Status LEDs In1...In4 (green) State of digital inputs LEDs M1...M4 (green) State of motor commands (Up / Down)
Connectors	Power and LonWorks bus removable connectors 5-Pin 5.08 mm pitch Digital input removable connector 6-pin 5.08 mm pitch Digital output 2 removable connectors 6-Pin 7.62 mm pitch (max. power 15 A)
Outputs motor	4 outputs for the management of AC motors with separated commands Up and Down Max. voltage 250 VAC / 30 VDC Max. current 5 A
Digital inputs	4 digital inputs for use in "self-powered" mode (potential free contact) or using external power. The selection of the configuration is implemented via Jumper. Active input: 8 ... 30 VDC Non active input: < 4 VD
Conditions for use	Temperature -5 ... 45 °C Relative humidity 10 ... 90 %
Container	Polycarbonate container (UL 94 V-0) white (top) and black (bottom) to be mounted on a DIN rail
Dimensions	105 x 115 x 59 mm (length x width x height)
Regulations	EN 50130-4 EN 61000- 6-2 , EN 61000- 6-3 EN 61000-4-2/3/4/5/6

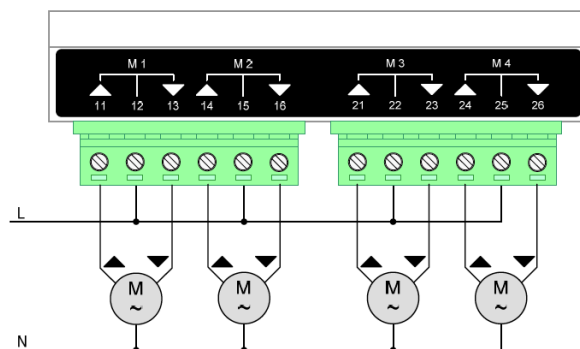
Size and layout



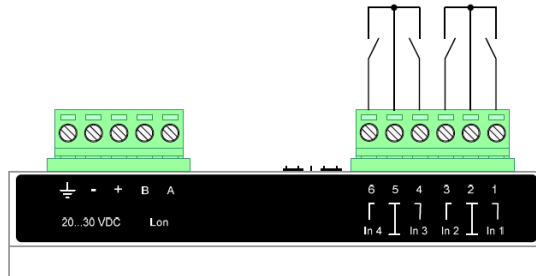
MODULE FT-6DOP-4DI

Power supply
and LonWorks bus

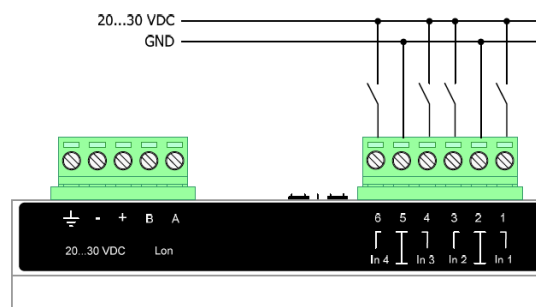
Outputs motors



Digital inputs

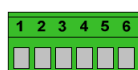


Connecting digital inputs
configured as
"Self-Powered"
(potential free contact)



Connecting digital inputs
configured as
"External power supply"

CN2 Connector

Configuration
jumpersOperating mode
"Self powered"Operating mode
"External power supply"

The selection of the
operation mode
is implemented via jumper
located next to the CN2
connector.