FERMAX-LYNX RELAY DECODER MASTER

Reference: 01615

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DESCRIPTION

Lynx Master Relay Decoder, running under standard Modbus protocol and TCP/IP makes Lynx network fully integrable with systems requiring dry contact inputs.

It can work as an individual IP relay decoder for dry contacts activation and also as Modbus Gateway for a whole bus of relay modules.

FEATURES AND FUNCTIONS

Lynx Master Relay Decoder allows Lynx flexibility and expandability on the management of dry contact integration.

- Lift control:
IP Master Relay Decoder is the key part of Lynx system for the deployment of lift control features. Taking advantage of the technical capabilities of Vivo Monitor, PMU and Lynx Panels, Relay Decoder receives TCP/IP coded instructions from the rest of Lynx elements and transfer the activation instructions to the rest of relays via Modbus protocol. The dry contacts signal allows most of the lift systems on the market to comply with fully integration with Lynx Video door phone system.

- Secure door opening:
Fermax IP Relay Decoder allows Lynx system to activate door opening from ubiquitous relay modules instead of Panel relays. This special anti-vandal feature reinforces the system and makes Lynx going one step further on Fermax commitment to security.

- Additional functions:
Handle a group of relays in different ways offer Lynx flexibility for multiple tasks on residential condominiums.
From switch on and off corridor lights to any relay achievable function Lynx is able to comply with the most common tasks on the public areas of the property.

TECHNICAL SPECIFICATIONS

System
MCU 32-bit ARM 70Mhz

Power supply
7 to 24 VDC

Connectivity
Ethernet RJ-45 Connector
RS-485 Port Modbus RTU protocol
Screwed Modbus connections
4 Relays Output COM/NO/NC

Operational
4 Relays Output NO/NC 24V/10A
State Indication LED's for each relay

10/100Mbps Ethernet communication
Modbus TCP protocol communication
Modbus Gateway function
Built in web server for status and control
Built-in Watchdog
Self test LED

Environmental
Operating temperature -40°C to +55°C
Relative Humidity 10-95%

Consumption
in standby 1.60W
active 3.48W

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