

with:

- 2 relay outputs controlled by SMS
- 6 alarm inputs (4 clean contact and 2 digital)

Expandable with:

- 2 analog inputs 0÷10V for probes of physical variables
- 8 relay outputs controlled by SMS
- 8 contact clean inputs

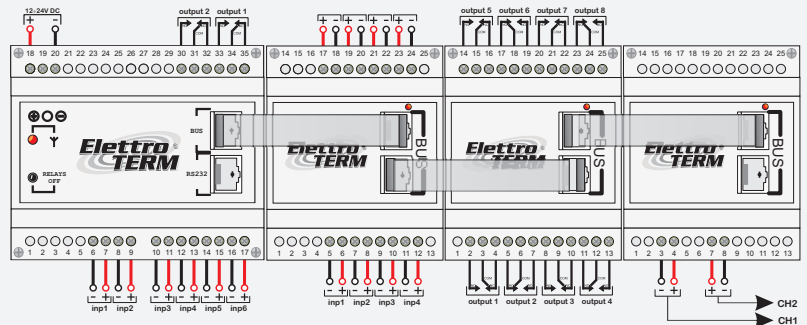
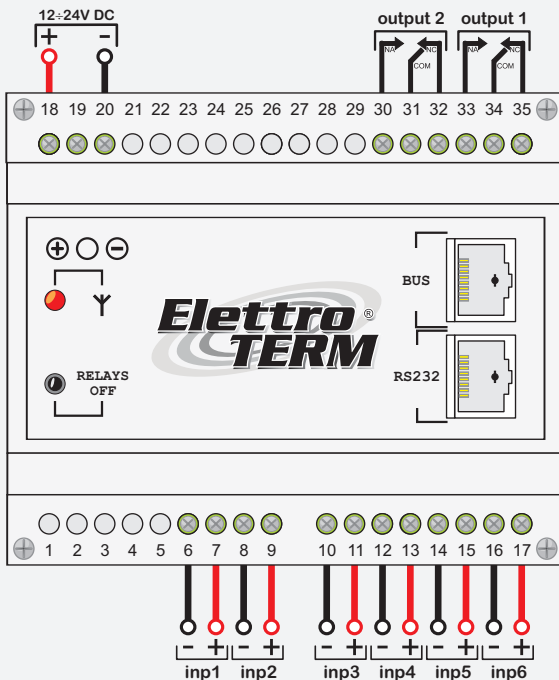
For command and control of:

- Stations distribution of energy and gas
- Repeaters radio and TV
- Water Treatment Systems
- Mobile diesel generators

EL35.010

GSM remote control

Features



2 outputs (2A-250VAC)
4 contact clean inputs
2 digital inputs

Expandable with:
2 analog inputs (0 ÷ 10V)
8 relay outputs (6A - 250V AC)
8 contact clean inputs

Description

The EL35.010 device is designed to remotely control devices and systems of average complexity by using the potentialities of the GSM network..

By means of simple SMS messages, you can control two relay outputs (even simultaneously) and receive a notifying SMS directly on your mobile telephone.

Each of the device's input lines can be associated with five signalling SMS, which will be sent whenever each of the input circuits opens or closes.

The configuration of SMS is programmed by software supplied

In addition, EL35.010 has some expansion modules:

- ELES.001: expansion module with 8 clean contact inputs
- ELES.002: expansion module with 8 relay outputs (6A - 250V AC)
- ELES.004: expansion module with 2 analog inputs (0÷10V)

Typical applications

- INDUSTRIAL**
- Control of power generator sets
 - Control of water treatment plants
 - Control of peripheral substations
 - Control of filling level of reservoirs and drives in pumping stations
 - Control and regulation of greenhouses
 - Signalling and activation of electrical cabinets
 - Command of access barriers
 - Control and command of temporary traffic lights
 - Lighting control in stadiums and parks
- HOME AUTOMATION**
- On/off switching of domestic heating and air conditioning systems
 - Reading of temperature inside the home
 - Signalling of alarms
 - Control and command of electric household appliances
 - Command of electrical equipment via a power relay
 - On/off switching of indoor and outdoor lighting
 - Control of irrigation systems

Specifications

Case for EN-50022 rail, 6 modules
 Fire rated UL94V-0
 Standard operating temperature:
 -5°C ÷ +45°C
 2 monostable relay outputs (6A,250VAC)
 4 contact clean inputs
 2 optoisolated 0-5V digital inputs
 SMA aerial connector
 RS232 serial port on RJ45 socket
 Maximum cross section of wires that may be inserted in the terminals: 2.5mm²

Power Supply:
 Voltage: 12/24V DC (I_{max}: 500mA)
 Average power consumption:
 standby: 40mA
 stand/receive SMS: 100mA

GSM Section:
 Dual Band EGSM900/GSM1800
 - Class 4 (2W) per EGSM 900
 - Class 1 (1W) per GSM 1800
 Certified for GSM Phase 2/2+
 SMS: text mode, MO, MT
 CSD data transfer up to 14.4Kbps not transparent

Accessories

- COTC.005: antenna with magnetic base 2,5m
- COCM.001: power supply (switching) 12VDC 800mA 1DIN
- COCM.002: power supply 12VDC 500mA 5DIN
- ELES.001: expansion module 8 clean contact inputs
- ELES.002: expansion module 8 relay outputs (6A-250VAC)
- ELES.004: expansion module 2 analog inputs (0÷10V)

Sales Packaging

- The kit EL35.010K includes:
- EL35.010
 - Manual
 - Programming Cable
 - Programming Software

Standards

- 1995/5/EC
- EN 301 489-7
- EN 301 511
- EN60950:2000