

# EREL112 Ethernet Relay

## Features

The EREL112 Ethernet Relay (I/O board) is a low-cost solution for professional control and monitoring tasks. It is designed for easy integration in industrial machinery, office- or household devices, metering- and monitoring devices, etc.

EREL112 has

- a. 2 optically isolated inputs
- b. 2 cut-in contact relay outputs
- c. real-time clock (RTC)/calendar
- d. connector for type-K thermocouple
- e. 10/100 Mbps Ethernet interface
- f. default IP address switch



## Technical Specifications

### **External Dimensions (with box):**

Length: 100 mm

Width: 89 mm

Height: 33 mm

### **Interface:**

10/100 Mbps Ethernet

### **Power supply:**

The range of supply voltage: VDC 9-27V

### **Other:**

#### Two inputs:

Voltage levels of 5-24 VDC.

An input current of approx. 10mA

#### Two outputs:

Rating (resistive) 5 A 250 VAC or 5 A 30 VDC

Maximum Carrying Current 5 A

Maximum Switching Power 1,250 VA, 150 W

Maximum Switching Voltage 250 VAC, 150 VDC

Maximum Switching Current 5 A

Minimum Switching Load\*1 100mA 5 VDC

Operating temperature: -40 °C to +80 °C

### **Software:**

User Manual

EREL11x SDK - Software Development Kit

EREL11xDemo – I/O board demo application