

## ME200

## Relay power module



### Summary

ME200 is a module containing two relays controlled by separate 24 V AC signals. It is used to separate the control signal from the triac outputs of the UX... room units and US... controllers. The relays switch low-voltage actuators of sunblinds. The module may also be used as a 2 × 24 V AC relay unit for general use mounted in a flush box.

### Application

- Control of sunblind power control units with US... controllers and UX... room units
- Control of a low-voltage boiler or A/C unit input by UC... controllers configured as on/off

### Function

In a plastic casing suitable for mounting into a flush box there is a board with terminals, two relays and other components. When an input is energized by 24 V AC the corresponding relay answers.

When used with UC... or US... for heating or cooling control, please set the controller to the on/off mode (not the PI mode with PWM output signal).

### Technical data

Control signal	24 V AC
Input power	ca. 0.76 VA per relay
Working temperature	0...70 °C
Number of signals (relays)	2
Indication	2 × red LED at the bottom of the device
Connection – relays	Stranded wires 1.5 mm <sup>2</sup> , length 7 cm, uninsulated tinned ends 10 mm
Connection – control signal	Screw terminals, for wires 0.14...1 mm <sup>2</sup>
Relays	250 V / 16 A, contact AgNi 90/10, for ohmic load
Contact operating life	> 10x10 <sup>6</sup> cycles
Dimensions	49 × 49 × 30 mm

## Terminals

### Inputs (screw terminals)

IN1	input 1 (24 V AC)
IN2	input 2 (24 V AC)
G0	common ground for inputs

### Outputs (stranded wires)

NO1	relay 1, normally open
NC1	relay 1, normally closed
COM1	common contact relay 1
COM2	common contact relay 2
NC2	relay 2, normally closed
NO2	relay 2, normally open

## Connection

