

Gold-Clad Relay 1x 2 Changeovers 24VUC/230VAC

SR1

Characteristics:

- Two-changeover contacts
- Driving 24VUC or 230 VAC
- Switching current 10 μ A – 2A
- Contact resistance <0,1 Ohm
- Status display in input
- Mountable on 35mm cap rail TS35
- Clear terminal labeling
- Narrow design
- Shape 17,5mm, super low
- High reliability, 5 years warranty



Description:

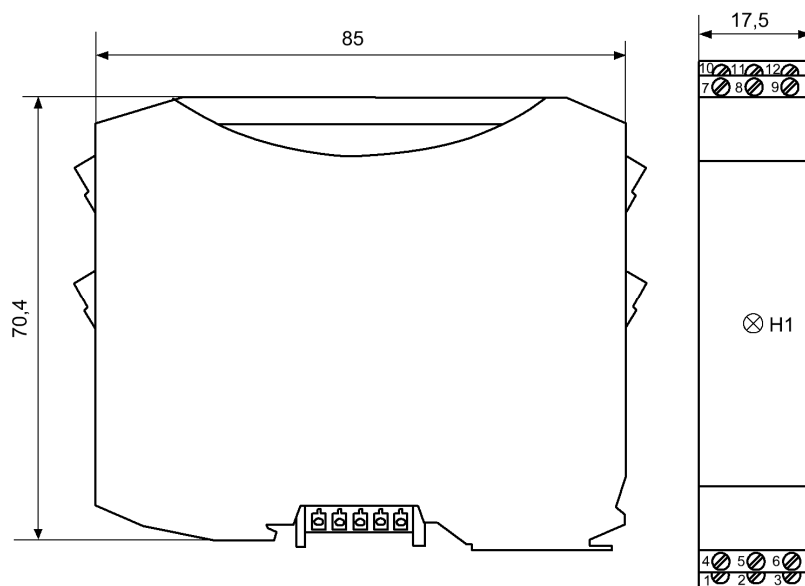
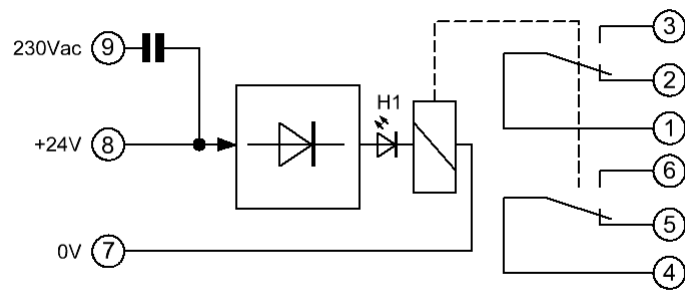
The devices of the set point- relay series SR1 have been developed for switching very small signals like set values or measured values. The input drives two changeovers. Gold-clads are particularly suitable to switch small currents of only 10 μ A. The control voltage is optional 24VUC or 230VAC standard. One LED in output displays the status.

Application:

Switching of small capacities, measured signals, set point and actual value.

Order Code:

SR1



Technical data:

Driving:

Control voltage : 19, 2...30VUC // 170...253VAC
Control current : 10mA // <4VA

Outputs:

Voltage : Max.220VDC / 250VAC
Current : 10µA...2A
Switching power : Max. 65,5VA, 60W
Response/release time : <8ms < 15ms
Contact resistance : < 0, 1 Ohm
Expected life : mechanical 1x 10⁸ :
electrical 5x 10⁵ 1A 30VDC, 1x 10⁵ 2A 30VDC
Insulation voltage : 1500V

General data:

Operating temperature : 0...50°C
Storage temperature : -25...+85°C, condensation before putting into operation is not allowed
Electrical isolation : Input - output
CE conformity : EN 61326-1, EN 61000-4-2/3*/4/5/6*, EN 61000-6-4
* during measurements are small deviations possible

Body:

Dimension : See drawing, 17,5mm adjoin body, 17,5x70,4x90,5mm (with terminals)
Material : PA / V0
Protection category : IP20
Connection : M3-screw-type terminal 0, 14 – 2,5mm², flexible or inflexible
Fixing : Snap-on mounting for norm rail TS35
Weight : 65g

Note on safety:



Disconnect the power supply before attempting to open the unit.

During the operation of this module it is possible that parts of the module, even there is extra-low voltage, (for example shunt measurement) are under dangerous voltage! Therefore a non-observance of this caution may cause damage of property or physical injury.

Only trained qualified personnel should install or operate the unit. Before installation the qualified personnel should read the documentation and should familiarize themselves with the unit.

If there is visible damage to the body of the unit it should be immediately replaced and not put into operation.



Please ensure that there is a sufficient prevention against electrostatic discharge during installation of the unit.

Installation Information:

Pay attention and make sure the unit is far away from mounted sources that may disturb the device such as magnetic coils, transformers, frequency converters etc.

Wiring advise:

Use only shielded cables. The shield is to be connected extensively to ground. Do not mix power- and signal-wires/cables in the same cable tray.

Limited guarantee:

The LEG Industrie-Elektronik GmbH warranted that the product does not have any material or processing defects in a period of 5 years after date of delivery.

It is up to the choice of LEG to repair or to exchange an inoperative unit.

Subsequent damages or any claim for indemnification above the functionality of the unit are excluded.

This limited warranty is only valid if ...

1. the product was installed and put into operation according to the LEG operation documentation;
2. the technical configuration of the power supply was abided;
3. the product was not used for unintended purposes;
4. there were no unauthorized modifications or manipulations, misuse or repairs without previous agreement from LEG .

Our Terms of Trade are based on the "General Conditions for the supply of products and services of the Electrical and Electronics Industry" including the "Complementary Clause: Extended Reservation of Property" of the ZVEI e.V. (German Association of Electrical Manufacturers).

Miscellaneous:

We expressly reserve the right, without previous notice, to correct errors contained in any data of this information brochure, and to make alterations to the program and technical modifications.