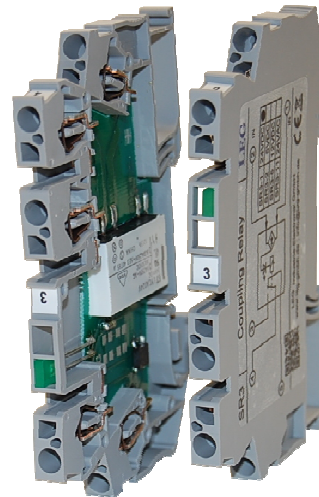


Relay 1 Changeover Contact 24VDC/230VAC

SR3

Characteristics:

- 1 changeover contact
- Driving 5V, 12V or 24 V DC
- Switching current max. 6A
- Contact resistance < 0,1 Ohm
- Status display
- Mountable on 35mm cap rail TS35
- Mountable side by side via link plug
- Tension spring connection
- Shape 6,2mm
- High reliability, 5 years warranty



Description:

The devices of the relay series SR3 provide the user with 1 changeover contact for disposal. They have been developed for switching DC- or AC voltages with currents up to 6A. The modules can be delivered with driving voltages of 5V, 12V or 24V. One LED in the front panel signals the switching status. The devices are mounted in a 6,2mm wide terminal case and are mountable space saving side by side on cap rail.

Application:

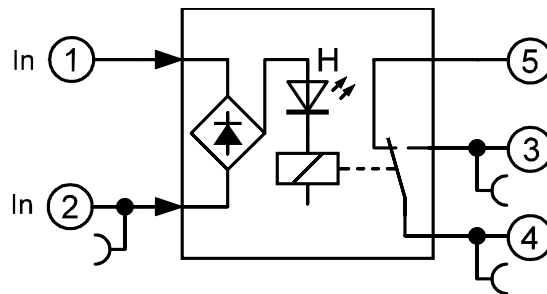
Switching of middle power with voltages up to 250Vac or 30Vdc.

Order code:

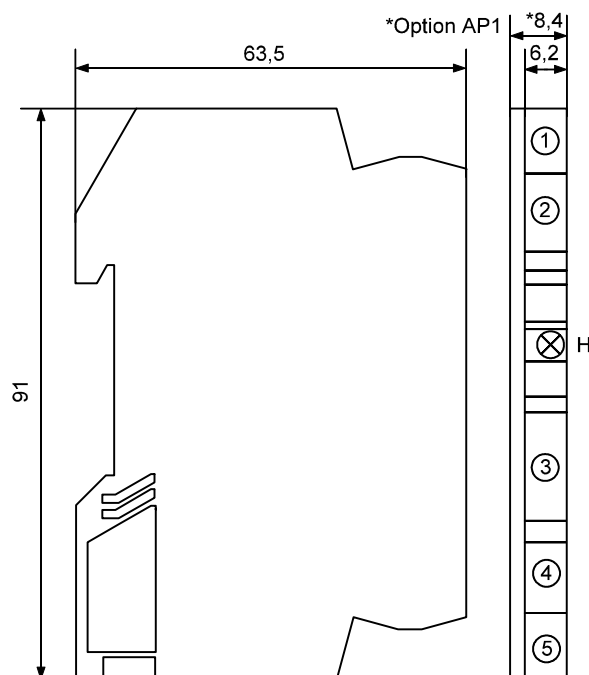
Input:

SR3-1	24VDC
SR3-2	5VDC
SR3-5	12VDC
SR3-11	24VAC

Diagram



Dimensions



Technical data:

Driving:

SR3-2 (5VDC)	:	4, 8... 6 VDC / 28...41 mA
SR3-5 (12VDC)	:	11...15 VDC / 16...24 mA
SR3-1 (24VDC)	:	19...30 VDC / 9...16 mA
SR3-11 (24VAC)	:	19...30 VAC / 16...25 mA AC

Output:

Switching voltage	:	max. 250VAC / 24VDC
Switching current	:	min. 10mA, max. 6A
Switching power	:	AC voltage max.1500VA / DC voltage max. 144W
Response/release time	:	DC: < 8ms / < 5ms; AC: <8ms / <21ms
Contact resistance	:	< 0, 1 Ohm at 6VDC/1A
Expected life	:	mechanical: 1 x 10 ⁷ operations electrical: 5 x 10 ⁴ operations NC contact 3 x 10 ⁴ operations NO contact at 6A, 250VAC/30VDC R-load

General data:

Operating temperature	:	0...50°C
Storage temperature	:	-25...+85°C, condensation before putting into operation is not allowed
MTBF	:	2300 years Mean Time Between Failures – according to EN 61709 (SN 29500). Requirements: Stationary operation in clean rooms, average ambient temperature 40 ° C, no forced ventilation, continuous operation
CE conformity	:	EN 61326-1, EN 61000-4-2/3*/4/5/6*, EN 61000-6-4 * during measurements small deviations are possible

Body:

Dimension	:	See drawing, 6,2mm terminal block body, 6,2x63,5x91mm
Material	:	PA 6, 6 / V2
Protection category	:	IP20 with side cover/end cover plate
Connection	:	Spring force connection 0, 2 - 4mm ² , inflexible, 0, 2 – 2,5mm, flexible Contact load with link plugs max. 24A
Mounting position	:	As you like / Mountable side by side
Fixing	:	Snap-on mounting for norm rail TS35
Weight	:	22g

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.