

SW1/SW2

overview

- ◆ coil voltage 24V~=
- ◆ SPCO output max. 10A
- ◆ trigger input with 1/0/Auto switch

SW1	3,0V ON	2,5V OFF
SW2	7,0V ON	6,5V OFF
- ◆ LED indicators for output
- ◆ 11.25mm DIN rail mount housing

SW1/SW2

The SW triggers are designed to control pumps, fans, burners etc. They are also designed to operate with an analogue 0-10VDC control signal.

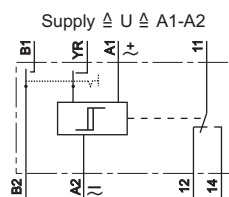
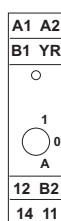
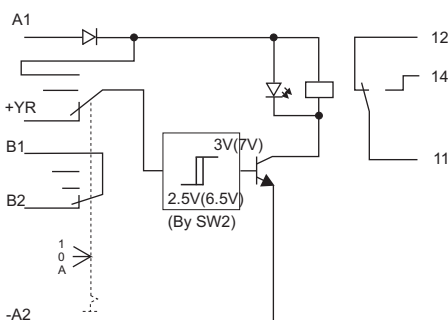
Trigger Function

As soon as the input voltage reaches the operating threshold (ON), in AUTO Mode, the relay pulls in. If the input voltage falls below the cut off threshold (OFF), the relay drops out again.

A manual control facility with feedback contact, (mode 1) is incorporated for manual operation

The module can be operated in two modes which can be selected by the three-position switch (Auto, 0, 1).

1. Switch position "1": The output relay is controlled via terminals A1, A2
2. Switch position "Auto": The output relay is controlled by the trigger through terminals YR. The operating voltage must be available continuously at terminal A1.
3. Switch position "0": The relay is switched off. Input signals at terminals A1 or YR are ineffective.



part no	supply	output
SW1 24Vac/dc	24V~= 600mW	SPCO
SW2 24Vac/dc	24V~= 600mW	SPCO

specification

coil voltage	nominal voltage +10% / -15%
duty cycle	100%
nominal current	15mA
suppressor circuit	freewheeling diode and varistor
output relay spec.	EN 60947-5-1
le AC-15*	115V~ 1,5A
le AC-15*	230V~ 1,5A
le DC-13*	24V= 1,5A
on delay	<8ms
off delay	<25ms
switching voltage	250V~=
input current	15A
continuous current (detached)	10A@+20°C
continuous current (attached)	3A@+60°C
min. switching capacity	>5mA
max. switching frequency	600/h
mechanical	2 x 10 ⁶ operations
electrical	1 x 10 ⁵ operations
screw tightening torque	0,5Nm
operating conditions	-20 to +60 °C non condensing

ordering information

housing type

