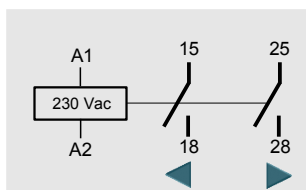
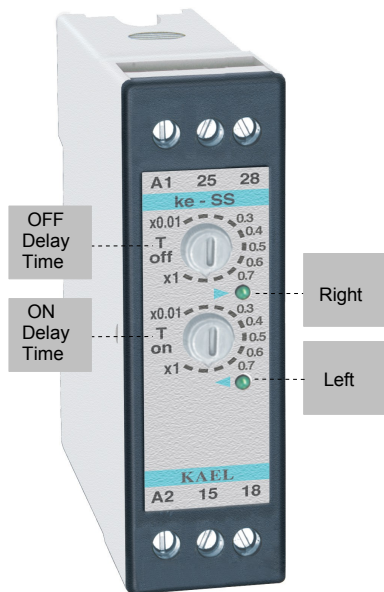


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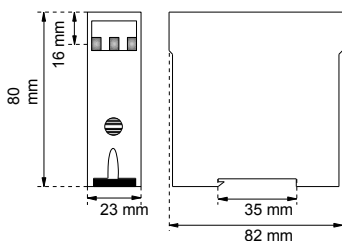
MULTI RANGE, ON and OFF ADJUSTED DIRECTION INVERSE RELAY

- ▶ 8 Items of ON (right-left) time mode and
- ▶ 8 Items of OFF time mode selection.



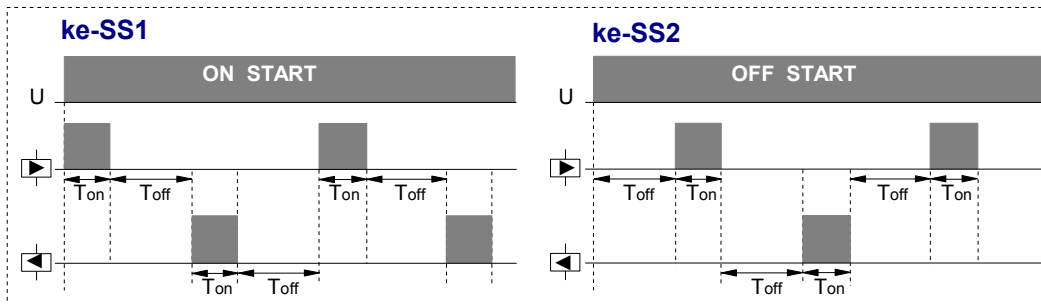
TECHNICAL DATA:

Operational Voltage (Un) : 230 Vac
 A1 - A2 terminals : 230 Vac
 Operating Range : (0.8 - 1.1)xUn
 (Un nominal voltage)
 Frequency : 50/60 Hz
 Contact Current : Max. 3 A / 240 VAC
 Power Consumption : < 8 VA
 Device Protection Class : IP20
 Connector Protection Class : IP00
 Ambient Temperature : -5°C...+50°C
 Connection Type : To connection rail in electrical panel
 Dimensions : 23x82x80 mm



General:

It is microprocessor controlled. 8 different RIGHT-LEFT operational time interval and 8 different OFF time interval mode selection can be made by the use of the dip-switch situated near the equipment. The selection of the RIGHT-LEFT and OFF time intervals are handled one by one.



▶ THE TIME INTERVAL SELECTION:
 The switches, numbered 1,2,3 of the dip-switch are used at the selection of the OFF time interval, the switches numbered 4,5,6 are used at the selection of the RIGHT-LEFT time interval. Below is the time selection table for RIGHT-LEFT and OFF conditions.

OFF		ON	
5 sec 1 2 3	5 sec 4 5 6	5 sec 1 2 3	5 sec 4 5 6
10 sec 1 2 3	10 sec 4 5 6	10 sec 1 2 3	10 sec 4 5 6
30 sec 1 2 3	30 sec 4 5 6	30 sec 1 2 3	30 sec 4 5 6
60 sec 1 2 3	60 sec 4 5 6	60 sec 1 2 3	60 sec 4 5 6
5 m 1 2 3	5 m 4 5 6	5 m 1 2 3	5 m 4 5 6
10 m 1 2 3	10 m 4 5 6	10 m 1 2 3	10 m 4 5 6
30 m 1 2 3	30 m 4 5 6	30 m 1 2 3	30 m 4 5 6
60 m 1 2 3	60 m 4 5 6	60 m 1 2 3	60 m 4 5 6

▶ THE TIME ADJUSTMENT SCALER:
 The scale of the adjustment potentiometer located on the equipment, is set between 0,01 to 1. When you select your adjustment with the dip-switch, it can be adjusted at the range specified by the interval mode, by the steps of 1%.

Example 1:
OFF 6 sec. - 10 min. Let's select the OFF (stand by) time interval as above and adjust the value of the T(off) potentiometer to 0,7.

ON 0,6 sec. - 60 sec Let's select the ON (operating) time interval as above and adjust the T(on) potentiometer to 0,3. In this case, we can calculate the ON and OFF periods.
T(off) = 0,7 x 10 minutes = 7 minutes (The 10 minutes in the formula is the maximum value of the OFF time selected by the dip-switch)
T(on) = 0,3 x 60 seconds = 18 sec. (The 60 sec. in the formula is the maximum value of the ON time selected by the dip-switch)

You may adjust; the OFF time with 6 second steps (the minimum value specified by the dip-switch indicates the adjustment step value), the ON time though, with 0,6 sec. Steps).

NOTE: During the operation of the relay, you may change the time interval selections and potentiometer adjustment. In this case, it continues to evaluate the new selections.

Simple Connection :

