ke-ZRC

Counter Function Time Relay
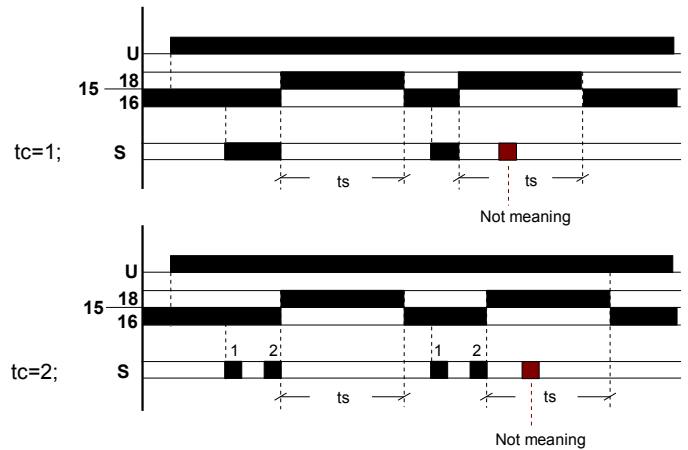
Time Range(ts) 0,1 ...... 9999 sec	
1 pcs relay output	
1 - 99 counter range (tc)	
Start Input : NPN with proximity sensor or switch	
Easy programming	

Sayıcı Fonksiyonlu Zaman Rölesi

KAEL Ke-ZRC

WORKİNG AREA

Car Wash Machines,
Coffee Machines
For running with coin

Start at down side of (S) (counter function)

(tc) parameter is meaning start number.
(ts) parameter is meaning running time (sec).

General

Device is microprocessor based. Many time relay applications collect inside. Sensitively time adjustment of classic time relays cause problems,then it is developed fully digital. Moreover some applications need to start input. Because of this reason using with both NPN type proximity sensor and switch.

Relay contact change position and set time(ts) started running at the end of last signal(tc). Relay contact change back to first position at the end of set time(ts) and it is stable until next end of last(tc) signal. Device shows total running time through 3 sec. after power on. This value could seen anytime when pressed up and down button at same time for a while also.

Menu

"SET" button is pressed for 3 sec. to input "Menu". While 'ts' and 'sn' light on, 'set' led makes flash and display shows the value of 'ts'. If 'ts' value need to be changed, press the "SET" button and then 'ts' and 'set' leds will make flash as well as the value indicated on the screen. Then the value can be set using up and down buttons and "SET" button is pressed to exit from this menu.
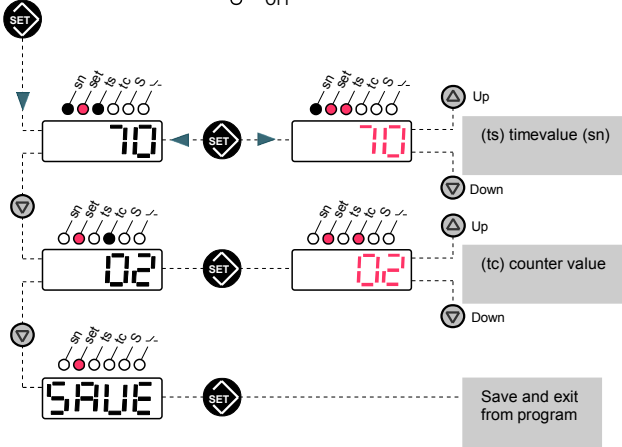
Down button is pressed to see 'tc' value. While 'tc' value is selected, 'tc' led is light on and 'set' led makes flash. Press the "SET" button to change 'tc' value and then 'tc' and 'set' leds will make flash as well as the value indicated on the screen. Tehn this value can be set using up and down buttons and "SET" button is pressed to exit from this menu. As a last step, press down button and "SAVE" will be seen on the display. Then if "SET" button is pressed, last set parameters will be saved and device will continue working. Othervise set parameters will be lost.
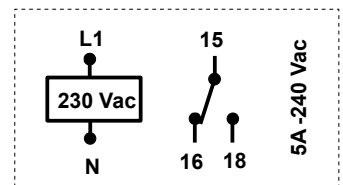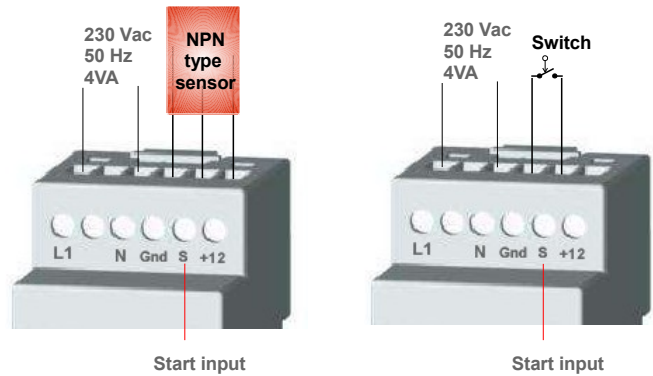
Press SET button for 3 sec.

Led meanings
- 🔴 FLASH
- ⚫ CONTİNUOUSLY
- ⚪ OFF

(ts) timevalue (sn)

(tc) counter value

Save and exit from program

Connection Diagram

Start input

Start input

TECHNİCAL DATA:

Operational Voltage(Un)	
L1- N terminals	: 230 Vac
Operating Range	: (0,8-1,1) x Un
Frequency	: 50/60 Hz
Contact Current	: Max.5 A / 240 Vac
Power Consumption	: < 4 VA
Display	: 4 Dijit LED
Device Protection Class	: IP20
Connector Protetion Class	: IP00
Ortam Sıcaklığı	: - 5 °C....+ 50 °C
Connection Type	: To connection rail in switchbox
Dimensions	: