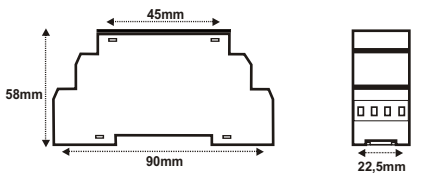
Technical Specifications

Supply Voltage	: 18 V....285 V ac/dc ± (L,N) , 50 / 60 Hz
Functions	: F1: ON Delay F2: OFF Delay with triggering (control input) F3: Delay OFF F4: Flasher
Power Consuption	:< 7 VA
Ambient Temperature	: -5°C...+55 °C
Electrical Life	:100.000 On / Off (Resistive load)
Control Output	: Relay, 1 İnversor, 10A / 250 Vac
Electrical Connections	: PCB connectors
Weght	**:** SZRU-M15 : 0,09 kg

Dimensions



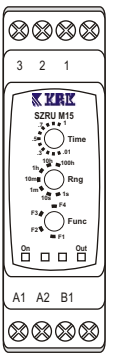
KRK®

ISO 9001:2008

MULTI FUNCTIONAL TIMER

2 YIL GARANTİ

SZRU M15



User Guide

General specifications

Multifunctional Timer

4 Functions
7 time ranges
Wide input voltage range
1 change over contact
Width 22,5 mm

A- Time Adjustment : This is a multiplier which multiplies the time range according to the adjusted function. Multiplier is between 0,01 to 1.
B- Time Range Adjustment : This is for choosing the time ranges. You can see the time ranges on the below table
C - Function adjustment : The time relay has 5 steps

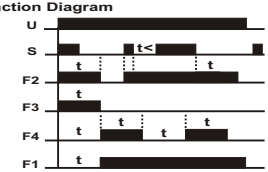
F1:Delay ON Function : When relay is energized , ON led is lights, after adjusted time OUT led is light.The status remains until the supply voltage is interrupted.If the supply voltage is interrupted before the expiry of the interval, the interval already expired is erased. When the power supply applied , the relay start count ‘t’’ time.

F2:: Delay OFF with triggering (control input): You should apply the supply voltage ‘‘U’’ to the device.When Control contact ‘‘S’’ is closed the relay output is ON. If control contact is open ‘‘t’’ time starts. After ‘‘t’’ time relay output is OFF. If control contact is colsed before the ‘‘t’’ time, the interval already expired is erased and restart with next control signal.

F3: Delay OFF Function : When you apply supply voltage ‘‘U’’ , the relay output is ON and ‘‘t’’ time starts. After end of the ‘‘t’’ time the relay output is OFF. This status remains until the supply voltage is interrupted**.** If the supply voltage is Interrupted before the expiry of the interval , the interval already expired is erased.When the power suply applied again, the relay starts to count ‘‘t’’ time.

F4:Flaser: When you apply supply voltage ‘‘ U ‘‘ ‘t’ time starts.After ‘t’ time the relay output is ON. ‘T’ time will start again. When the ‘t’ time is finished the relay output is OFF. The output relay is trigged at the ratio of 1:1 until supply voltage is interrupted.

Function Diagram



Time Ranges		
Step	**Min.Multiplier:0,01**	**Max.Multiplier: 1**
1 sec	**50 msec**	**1 sec.**
10 sec	**500 msec.**	**10 sec.**
1 min.	**3 sec.**	**1 min.**
10 min.	**30 sec.**	**10 min.**
1 hour	**3 min.**	**1 min.**
10 hour	**30 min.**	**10 hour**
100 hour	**5 hour**	**100 hour**

Connection Diagram