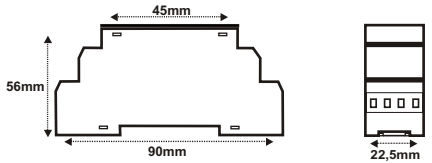
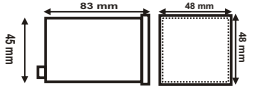
Dimensions

SZR M1



KZR 48-M1



Technical Specifications:

Supply Voltage	**:** SZR M1 :220 Vac ± %20, (L , N) 24 Vac/dc ±%10 (N,B1) KZR 48-M1:220 Vac ± %20 (L,N)
Adjustment Accuracy	: ± %3
Time Range	: 0,06 sec...30 hour
Functions	: F1: Delay ON / F3: Equal ON/OFF ON start Flasher F2: Delay OFF / F4: Equal ON/OFF OFF start Flasher
Power Consumption	: <= 3 W
Ambiant Temperature	: -5...+55 °C
Contacts Type	: 10A, 250 Vac(Omron)
Electrical Connections	: PCB Connectors (2,5 mm2)

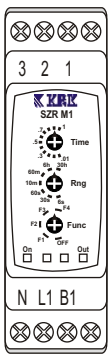
KRK®

ISO 9001:2008

MULTI FUNCTIONAL TIMER

2 YEARS GUARANTEED

SZR M1
KZR 48-M1



User Guide

General Specifications

KZR M1 / SZR M1

Multi Functional Timer is microcontroller based and has 4 functions. Working functions, time ranges and time adjustments can be done at front of the timer.

A) Time Adjustment : This is a multiplier which multiplies the time range according to the adjusted function. Multiplier is between 0,01 to 1. With this button you can divide time ranges till 100 times.

B) Time Range Adjustment : This for choosing the time ranges. Time adjustment are between 6 seconds till 30 hours.

C) Function Adjustment : This is for choosing appropriate function to your need. Relay has 5 steps, four of them is for functions and one of them is to CUT relay output in every condition.

OFF : It cuts relay output in every condition. Specially good for checking the system.

F1 : Delay ON Function: When relay is energised, ON led is lights, after adjusted time OUT led is light .

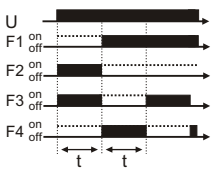
F2 : Delay OFF Function: When relay is energised, ON led and OUT led is light on, after adjusted time OUT led is off.

F3 : Equal Time ON Flasher Function: When relay is energised, ON led and OUT led is on, after adjusted time OUT led is off, than again after same adjusted time OUT led is on, and this continues in cycle.

F4 : Equal Time off Flasher Function: When relay is energised, ON led is on and OUT led is off, after adjusted time OUT led is on, than after again same adjusted time OUT led is off, and this continues in cycle.

Note: "On" and "Off" time ranges are equal for F3 and F4 functions.

Function Schemes



Relay Contacts: 

t: Adjusted Time

U: Supply Voltage

Time Range		
Step	**Min. Multiplier =0,01**	**Max. Multiplier =1**
6 s	**0,06 s**	**6 s**
30 s	**0,3 s**	**30 s**
60 s	**0,6 s**	**60 s**
10 m	**0,1 m**	**10 m**
60 m	**0,6 m**	**60 m**
6 h	**0,06 h**	**6 h**
30 h	**0,3 h**	**30 h**

Connection Schemes

KZR 48-M1