



# SPARK MS-TA13F Delay On Time Relay Instruction Manual

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# SPARK

**SPARK MS-TA13F Delay On Time Relay**



## SAFETY PRECAUTIONS

1. The device must be installed by a qualified person,
2. Disconnect all power before working on the device. Don't touch any terminal when the power is ON.
3. Verify correct terminal connection when wiring.
4. Don't dismantle or repair the device whether it operates normally, otherwise, no responsibility is assumed by the producer and seller.
5. Never use the device at the site which can be invaded by coTode gas, strong sunshine light and rain.
6. Clean the device with a dry cloth.
7. Fail to follow these instructions will result in serious injury or death.

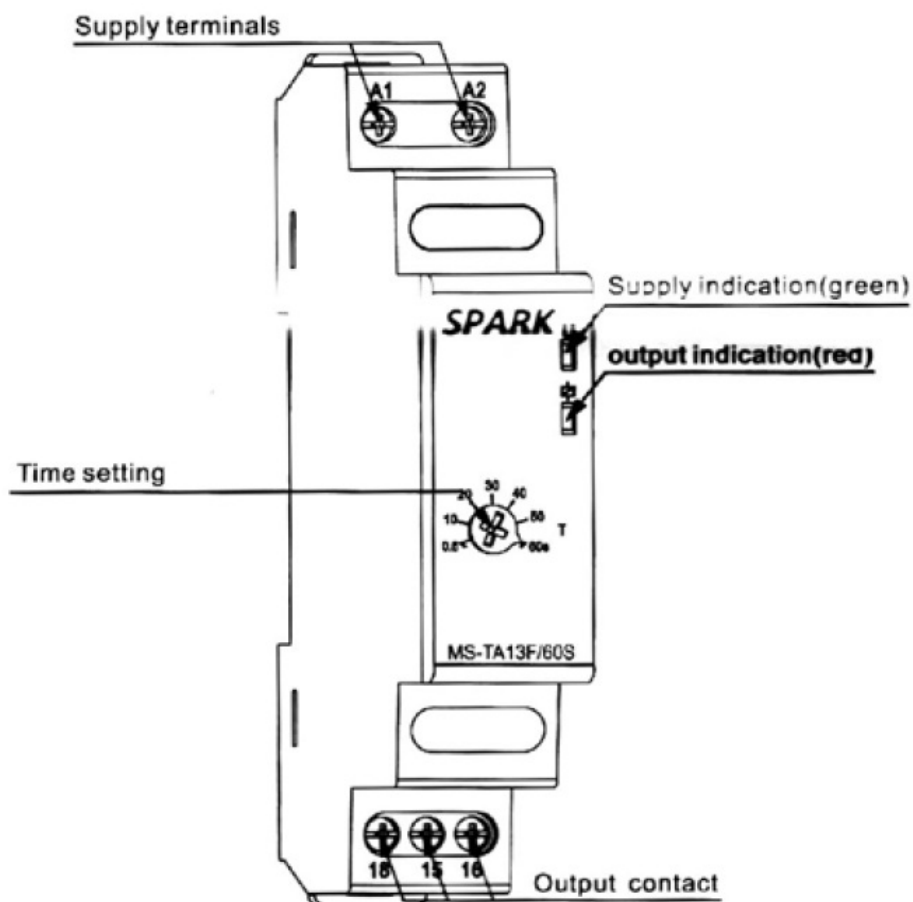
## FEATURES

- Microcontroller based
- Delay ON
- Repetition accuracy  $\pm 0.2\%$
- LED indication for power supply and relay status
- 1 Module Din-rail mounting

## TECHNICAL DATA

Supply terminals	<b>A1,A2</b>
Supply voltage	AC/DC 24-240V
Rated frequency	50/60Hz
T,me range	See timing range table
Setting accuracy	<5%
Repetition accuracy	s0.2%
Output contacts	1 C/O
Current rating	8A/AC1
Contacts capacity	AC-15: 2A
Insulation voltage	250V
Protection degree	IP20
Pollution degree	3
Electrical life	10 <sup>5</sup>
Mechanical life	10 <sup>6</sup>
Altitude	s2000m
Ambient temperature	-5°C-+40°C
Storage temperature	-10°C-+50°C
Wire size	0.5mm <sup>2</sup> -1mm <sup>2</sup>
Torque	0.5Nm
Mounting	TH-35 DIN-Rail

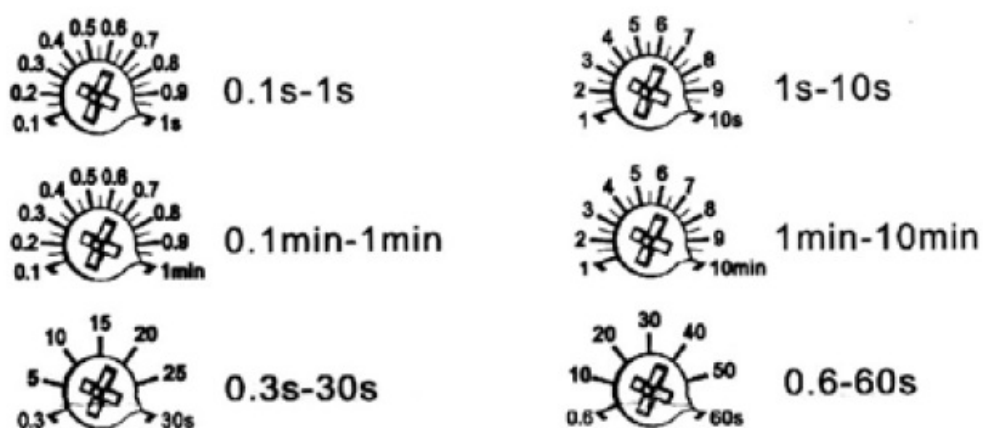
## APPEARANCE



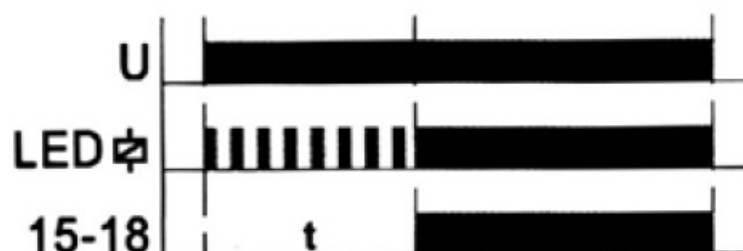
## DELAY ON TIME RELAY

Please read complete instructions prior to installation and operation of the device.

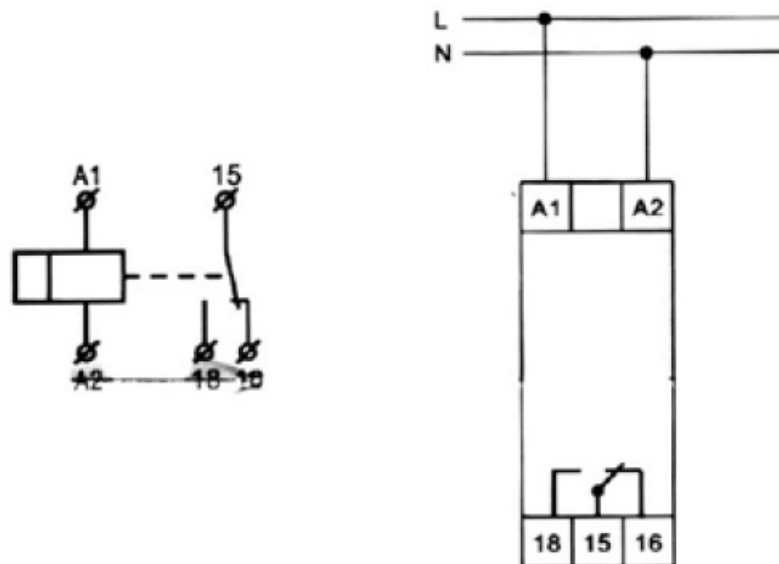
## TIMING RANGE TABLE



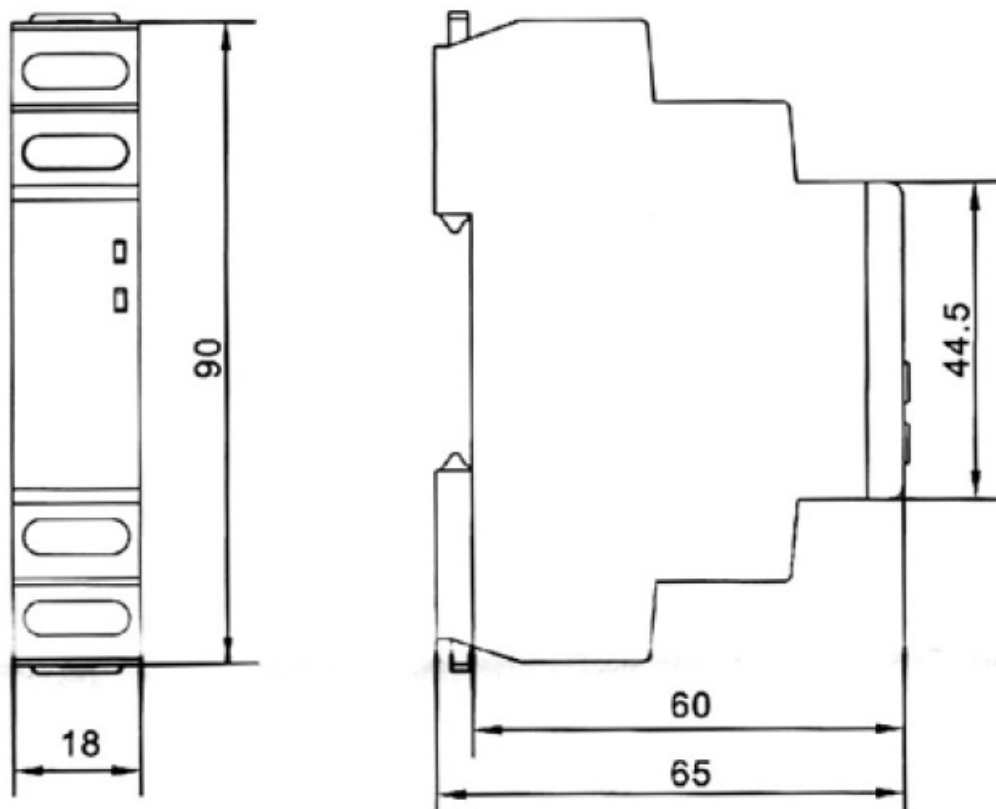
## FUNCTION DIAGRAMS



## WIRING DIAGRAM

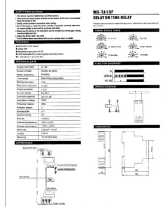


## DIMENSIONS



## Documents / Resources

SPARK



[SPARK MS-TA13F Delay On Time Relay \[pdf\] Instruction Manual](#)  
MS-TA13F, Delay On Time Relay, MS-TA13F Delay On Time Relay

