MD1FFS1 Repeat Cycle Time Relay Specification

① PW： green LED, power supply indication
② R： yellow LED, relay status indication
③ Range setting： 1s, 3s, 10s … 500h
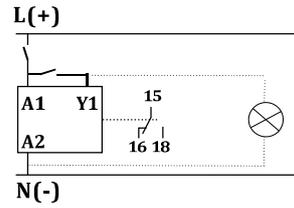④ Time setting： 2% … 100%
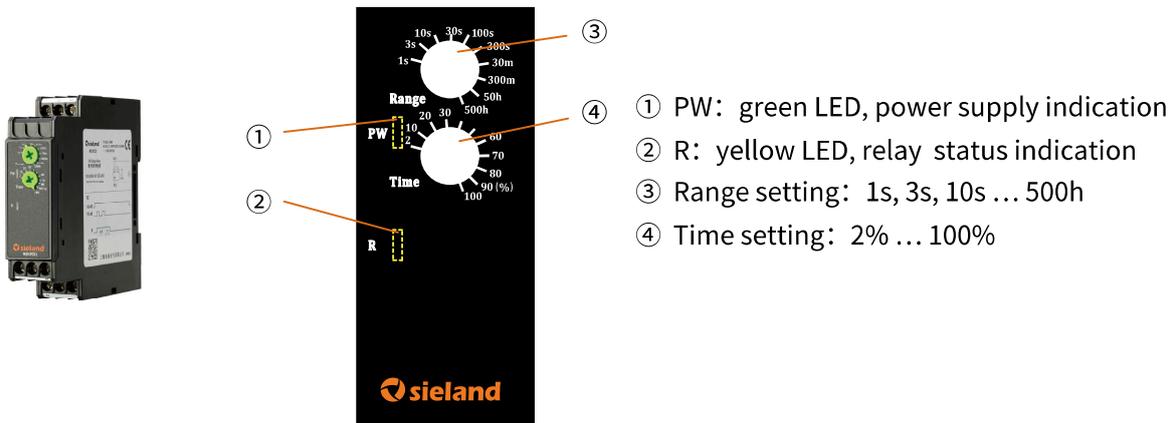
Products features:

■ Wide power supply range: 12-240V AC/DC
■ Control signal Y1 can be connected to A1
■ Wide time setting: 0.02s - 500h

Technical data:

Rated voltage :	12 - 240 V AC/DC
Rated frequency :	DC or 50/60Hz
Terminal type :	Screw terminals
Width :	22.5 mm
Height :	92 mm
Length :	100 mm
Time range :	0.02s - 500h
Setting accuracy :	±10%
Repeatability :	±0.5%
Temperature drift :	±0.05%/°C
Voltage drift :	±0.2%/V
Switching capacity :	10A/250 V AC
Electrical durability :	10^5 cycles
Mechanical durability :	10^7 cycles
IP degree :	IP50/IP20
Temp. for operation :	−40°C…60°C
Temp. for storage :	−40°C…85°C
Relay output :	2 c/o (SPDT)
Mounting :	35mm DIN rail
Standards :	IEC61812-1、GB14048.5

T: 0.02s-500h
A1-A2: 12-240V AC/DC, 50/60Hz
⌐ : 10A 250V AC/30V DC

L(+)

| A1 | Y1 | 15 |
| A2 | | 16 18 |

N(-)

Note： If A1-A2 is DC power supply， A1 must be positive，A2 must be negative

Fuction figure:

A1-A2

Y1-A1

R

T   T   T   T
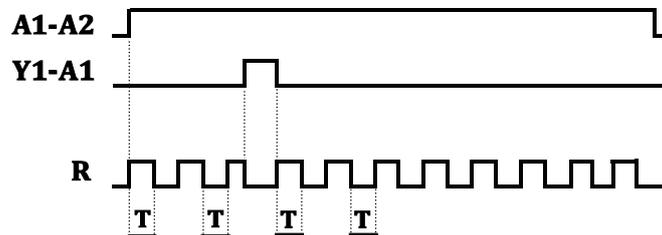
Delay time setting example:

■ Delay for 3s

Turn the time range knob to 3s, turn the percentage knob to 100%,

Then the time setting value is: T = Rang * Time = 3s * 100% = 3s

■ Delay for 5s

Turn the time range knob to 10s, turn the percentage knob to 50%,

Then the time setting value is: T = Rang * Time = 10s * 50% = 5s