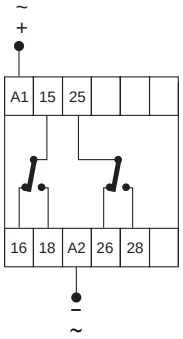
RHOMBERG

Multi-Function Timer

ON Delay, Interval (One shot), Symmetrical Recycling

AT 100

WIRING EXAMPLE



A-LINE

Application Examples

- Delayed energisation of loads on power-up.
- Energisation of loads for a set period of time.
- Alternating operation of two loads in equal intervals

Features

- Delayed ON, Interval (one shot) or symmetrical recycling (OFF first or ON first)
- Power ON LED flashes when unit is timing
- 5A/250VAC rating per relay contact

ORDERING CODE

TYPE		SUPPLY VOLTAGE	AC/DC	RELAY CONTACTS
AT100	/	250	A	D

Technical Specification

Power Supply:

AC: 24, 250 (ie. 90-250) 400 (ie. 380-415) V ±15%
DC: 48, 60, 110 VDC ±10%
AC/DC: 24 (ie. 12 or 24) V

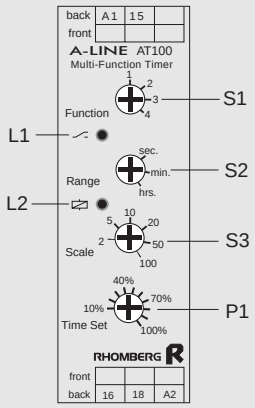
Note: 400V units have a 45mm wide housing

Setting accuracy: 5%
Repeatability: 0.5%

Time Scale Selection	Time Setting: 10 to 100%	Time Range Selection: sec, min, hrs
2	0.2 to 2	Sec, min, hrs
5	0.5 to 5	Sec, min, hrs
10	1 to 10	Sec, min, hrs
20	2 to 20	Sec, min, hrs
50	5 to 50	Sec, min, hrs
100	10 to 100	Sec, min, hrs

Relay:
2 x DPDT
1 x SPDT & 1 instantaneous (available on request)

Description of Controls



L1: The red **"Relay ON"** LED illuminates when the relay is energised.

L2: The green **"Power ON"** LED illuminates when power is supplied to the unit. The LED flashes when the unit is timing. Before the relay switches, the flash rate increases.

S1: The **Timing Function** is set on S1.
Position 1: Delayed ON Operation
Position 2: Interval (one shot) Operation
Position 3: Symmetrical Recycling, OFF Cycle First
Position 4: Symmetrical Recycling, OFF Cycle First

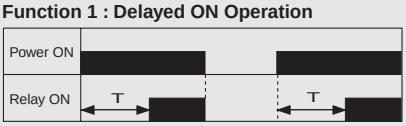
S2: The **Time Range** is set on S2.
Sec Seconds
Min: Minutes
Hrs: Hours

S3: The **Time Scale** is set on P3. The time scales are 2, 5, 10, 20, 50 & 100.

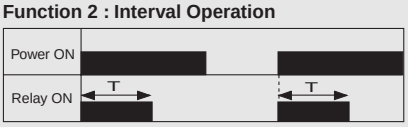
P1: The **Time Setting** is adjusted on P1. The time setting can be adjusted from 10% to 100% of the selected time. (The selected time is the time range multiplied by the time scale).

Operational Diagrams

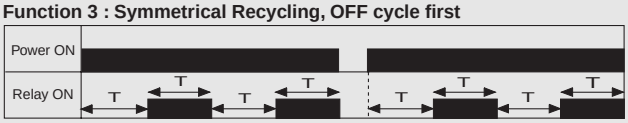
Function 1 : Delayed ON Operation



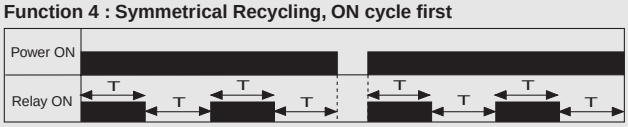
Function 2 : Interval Operation



Function 3 : Symmetrical Recycling, OFF cycle first



Function 4 : Symmetrical Recycling, ON cycle first



T = Set time