

MULTI VOLTAGE, MULTI TIME RANGE, ASYMMETRICAL CYCLIC TIMERS



TYPES: UNI-1D (spco) & UNI-4D (4pco)

FEATURES

- Din rail mounted
- Modern modular design
- Width 27mm (1.5 modules)
- SPCO version
- Unique 4PCO version
- Multi voltage 12-250VACDC
- T1 & T2 both multi time range 1 sec to 100 days
- Selectable "pulse first" or "pause first"
- Dual LED indication
- CE marked

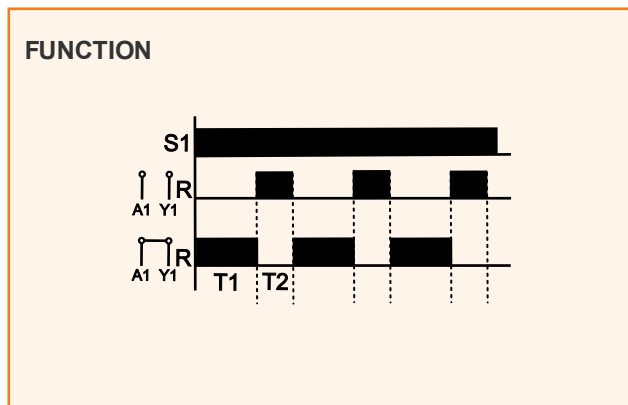
DESCRIPTION & MODE OF OPERATION

An attractive modern designed asymmetrical cyclic timer in a din rail mounted modular style housing 1.5 modules width (27mm). The timer features the facility of double deck terminals thus enabling the timer to be available also in a unique 4PCO version. A selector switch is provided to select eight different time ranges from 1 sec to 100 days independently on both T1 & T2, fine time selection on a selected range is then achieved via the two percentage potentiometers. The timer can be selected to be "pulse first" via an external link fitted between terminals A1 and Y1, leaving the link open results in "pause first". A green supply on LED is featured along with a red LED to indicate relay output status. All terminal details and the function information along with the CE mark is clearly marked on the sides of the housing.

TIMING FUNCTION

Asymmetrical cyclic (pause first) - initiated by supply on terminals A1 & A2 and the volt free link between terminals A1 & Y1 left open. Timing commences to energise relay contacts and then times to de-energise relay contacts. This cycle continues so long as the supply is connected. The time period on both energisation and de-energisation (T1 & T2) are independently selectable. If the supply is removed at any point within the cycle any remaining time will be cancelled and if the relay contacts are energised they will de-energise.

Asymmetrical cyclic (pulse first) - exactly the same as above, but a volt free link needs to be fitted externally across terminals A1 & Y1. On the connection of the supply to terminals A1 & A2 the relay contacts immediately energise and then time to de-energise.



SPECIFICATIONS

Timing:	
Time ranges:	1 sec to 100 days (T1 & T2)
Repeat accuracy:	±0.5% of set value
Reset time:	Max 100mSec
Relay outputs:	
Output contacts:	UNI-1D 16Amps/250V AC1 UNI-4D 8Amps/250V AC1
Max breaking capacity:	UNI-1D 4000VA UNI-4D 2000VA
Mechanical life:	30 Million ops
Electrical life:	200K ops at max rated load
Supply voltage:	
Supply voltage:	12-250VACDC
Max power consumption:	5VA / 2.8W
Insulation:	2.5KV 50Hz impulse
General:	
Operating temperature:	-20°C to +65°C
Storage temperature:	-20°C to +65°C
Max cable size:	2.5mm
In accordance with:	EN61000-6-1: 2007 EN61000-6-3: 2007 EN61010-1: 2002
CE marked:	Yes
Housing material:	Polycarbonate, Auto extinguishable to UL 94 V-0

TIME RANGES

Position 1:	1 - 10 secs	Position 5:	1 - 10 hrs
Position 2:	10 - 100 secs	Position 6:	10 - 100 hrs
Position 3:	1 - 10 mins	Position 7:	1 - 10 days
Position 4:	10 - 100 mins	Position 8:	10 - 100 days

