

DIN RAIL, 8 & 11 PIN PLUG IN DEDICATED VOLTAGE, DEDICATED TIME RANGE, DELAY OFF TIMERS VIA TRIGGER INPUT (trailing edge)

PRODUCT
GROUP
A

TYPES: YRC, 8RC, 11RC (spco) & 11R2C (dpco)

FEATURES

- Din rail & plug in versions
- SPCO & DPCO versions
- Single coil voltages 12VDC to 230VAC
- Choice of three multi time ranges
- LED indication
- CE marked



DESCRIPTION & MODE OF OPERATION

Din rail mounted or 8 & 11 pin plug in dedicated delay off via a trailing edge trigger input timers, with dedicated coil voltage. The timers are SPCO output with a DPCO option for an 11 pin plug in. A choice of one of three multi time ranges can be requested. The timers feature a red LED to indicate relay output status. All terminal details along with the CE mark is clearly marked on the sides of the housing.

A permanent supply is required at all times on to the coil terminals, however this is not the controlling factor. The controlling factor is a trigger input S2, on S2 closing the relay contacts energise, on removal of S2 (trailing edge) the relay contacts time to de-energise. If S2 is reinstated after timing has commenced, it will immediately cancel any remaining time delay and S2 will need to be removed for timing to commence again. If the coil supply is removed at any point when the relay contacts are energised, irrespective of what state the trigger is at, the relay contacts will de-energise. If S2 is closed before the connection of the coil supply, on the connection of the coil supply the relay contacts will immediately energise and on the opening of S2 timing will commence.

The command contact S2 should be isolated from other circuits and must only be connected to the same supply as the coil voltage to the timer. If this cannot be achieved, use UNI-1C or UNI-4C on page 19. Or for 8/11 pin plug in units see page 8.

SPECIFICATIONS

Timing:

- Repeat accuracy:
constant ambient: $\pm 0.5\%$ of set value
across temp range: $\pm 3\%$
Reset time:
during timing: 50mSec

Trigger input (S2):

- Max power consumption: 5mA
Min input time: 25mSec
Max input time: Continuous

Relay outputs:

- Output contacts: SPCO units 10Amps/250V AC1
DPCO units 8Amps/250V AC1
Max switching voltage: 250VAC, 30VDC
Mechanical life: 30 Million ops
Electrical life: 200K ops at max rated load

Supply voltage:

- Supply voltage tolerance: $\pm 15\%$
Frequency: 50/60Hz
Max power consumption: 10VA

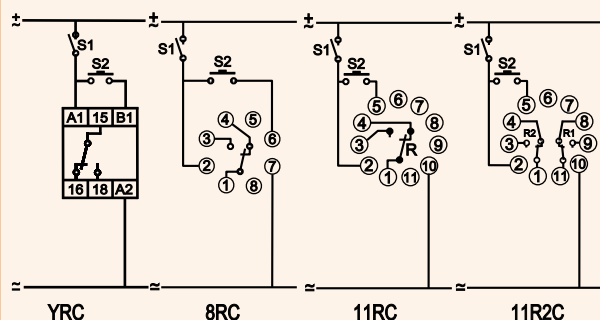
General:

- Operating temperature: -20°C to $+65^{\circ}\text{C}$
Storage temperature: -20°C to $+65^{\circ}\text{C}$
CE marked: Yes
In accordance with: EN61000-6-1: 2007
EN61000-6-3: 2007
EN61010-1: 2002
Housing material: Polycarbonate, Auto extinguishable to UL 94 V-0

ORDERING INFORMATION

TYPE	TIME RANGE (specify S, M or L)			COIL VOLTAGE
YRC (Din rail SPCO)	S (0.06 to 160 secs)	M (0.5 sec to 21 mins)	L (15 sec to 640 mins)	12V DC
8RC (8 pin plug in SPCO)	0.06 to 0.6 sec	0.5 to 5 sec	15 to 150 sec	24V AC/DC
11RC (11 pin plug in SPCO)	0.25 to 2.5 sec	2 to 20 sec	1 to 10 mins	48V AC/DC
11R2C (11 pin plug in DPCO)	2 to 20 sec	16 to 160 sec	8 to 80 mins	110V AC
	16 to 160 sec	2 to 21 mins	64 to 640 mins	230V AC

CONNECTIONS



FUNCTION & TIME RANGE SELECTION

