

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

PRODUCT GROUP
A

TYPES: YRCF, 8RCF, 11RCF (spco) & 11R2CF (dpcO)

FEATURES

- Din rail & plug in versions
- SPCO & DPCO versions
- Simple & economic
- Ideal for OEM applications
- Single coil voltages 12VDC to 230VAC
- Single adjustable time ranges
- Option for fixed times
- LED indication
- CE marked

DESCRIPTION & MODE OF OPERATION

Simple din rail mounted or 8 & 11 pin plug in dedicated delay off via a trailing edge trigger input timers, with dedicated coil voltage and time range. These timers are ideal for mass production of OEM applications, or for any application where operator interference must be kept to a minimum. These timers can also on request, subject to a minimum quantity of 10 pieces, be factory set with an exact time, thus ensuring absolutely no operator interference. 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.

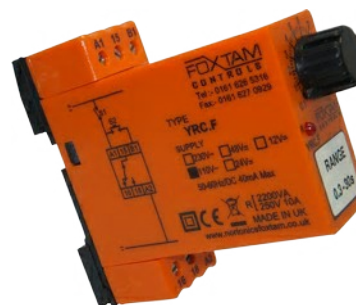
A permanent supply is required at all times on to the coil terminals, however this is not the controlling factor. The controlling factor is a trigger input S2, on S2 closing the relay contacts energise, on removal of S2 (trailing edge) the relay contacts time to de-energise. If S2 is reinstated after 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 18. Or for 8/11 pin plug in units see page 8.

ORDERING INFORMATION

TYPE	TIME RANGE		COIL VOLTAGE
YRCF (Din rail SPCO)	0.1 to 1 sec	3 to 300 sec	12V DC
8RCF (8 pin plug in SPCO)	0.3 to 3 sec	0.1 to 10 mins	24V AC/DC
11RCF (11 pin plug in SPCO)	0.6 to 10 sec	0.2 to 20 mins	48V AC/DC
11R2CF (11 pin plug in DPCO)	0.3 to 30 sec	0.3 to 30 mins	110V AC
	0.6 to 60 sec	0.6 to 60 mins	230V AC
	1 to 100 sec	1 to 100 mins	

Factory preset version remove "F" from type code and insert "P", then specify exact fixed time required



SPECIFICATIONS

Timing:

Repeat accuracy:	
constant ambient:	±0.5% of set value
across temp range:	±3%
Setting accuracy:	0 to +30%
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:	20 Million ops
Electrical life:	50K ops at max rated load

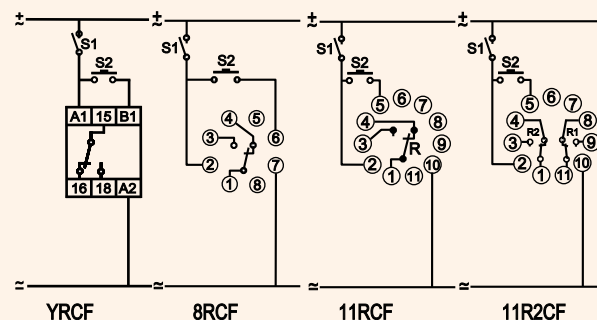
Supply voltage:

Supply voltage tolerance:	±15%
Frequency:	50/60Hz
Max power consumption:	10VA

General:

Operating temperature:	-20°C to +65°C
Storage temperature:	-20°C to +65°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

CONNECTIONS



FUNCTION

