

# DIN RAIL, 8 & 11 PIN PLUG IN DEDICATED VOLTAGE, DEDICATED TIME RANGE, DELAY ON TIMERS

PRODUCT  
GROUP  
**A**

**TYPES: YRAF, 8RAF, 11RAF (spco) & 8R2AF, 11R2AF (dpcO)**

## FEATURES

- Din rail & plug in versions
- SPCO & DPCO versions
- Simple & economic
- Ideal for OEM applications
- Single coil voltages 12VDC to 400VAC
- 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 delay on timers, with dedicated coil voltage and time range. These timers are ideal for mass production 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.

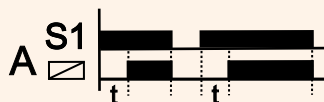
The function is initiated by a supply on terminals A1 & A2 which commences the timing, the relay contacts will then energise after the timing period. Removal of the supply after timing has been completed and the relay contacts will de-energise, if removal of the supply is before timing has been completed the remaining time will be cancelled.

## ORDERING INFORMATION

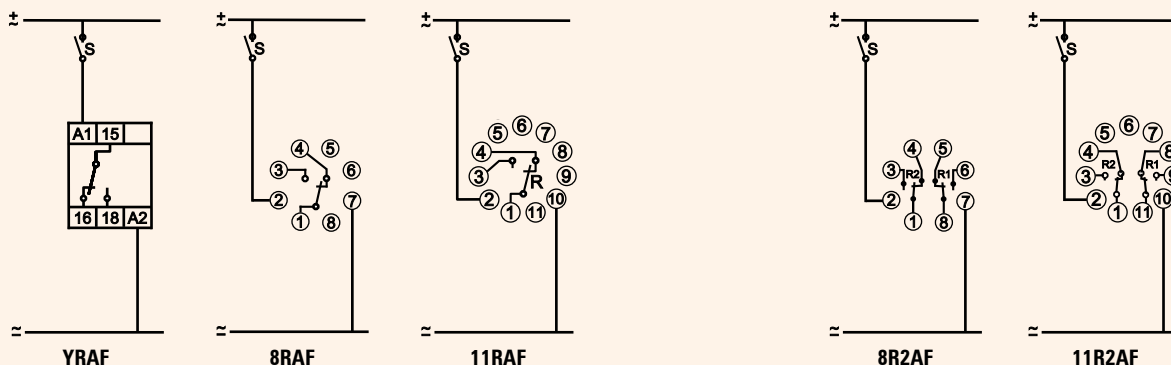
TYPE	TIME RANGE		COIL VOLTAGE
<b>YRAF</b> (Din rail SPCO)	0.1 to 1 sec	3 to 300 sec	12VDC
<b>8RAF</b> (8 pin plug in SPCO)	0.1 to 3 sec	0.1 to 10 mins	24V AC/DC
<b>11RAF</b> (11 pin plug in SPCO)	0.1 to 10 sec	0.2 to 20 mins	48V AC/DC
<b>8R2AF</b> (8 pin plug in DPCO)	0.3 to 30 sec	0.3 to 30 mins	110V AC
<b>11R2AF</b> (11 pin plug in DPCO)	0.6 to 60 sec	0.6 to 60 mins	230V AC
	1 to 100 sec	1 to 100 mins	400V AC

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

### FUNCTION



### CONNECTIONS



## SPECIFICATIONS

### Timing:

Repeat accuracy:	
constant ambient:	±0.5% of set value
across temp range:	±3%
Setting accuracy:	0 to +30%
Reset time:	
during timing:	100mSec
after timing:	50mSec

### Relay outputs:

Output contacts:	SPCO units 5Amps/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