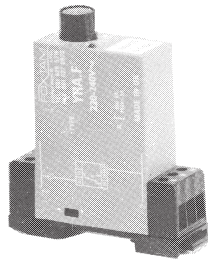


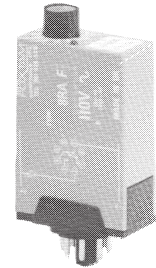
ELECTRONIC TIMING RELAY DELAY ON MAKE

YRA.F for DIN rail and panel mounting
11RA.F for 11 pin plug-in mounting
8RA.F for 8 pin plug-in mounting



YRA.F

- Delay on energising
- Simple and economic
- Single time ranges
- 5 ampere rated single pole changeover contacts
- Only 24 mm wide case
- LED operation indicator

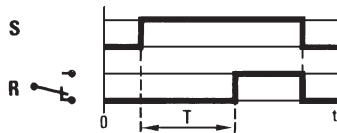


11RA.F/8RA.F

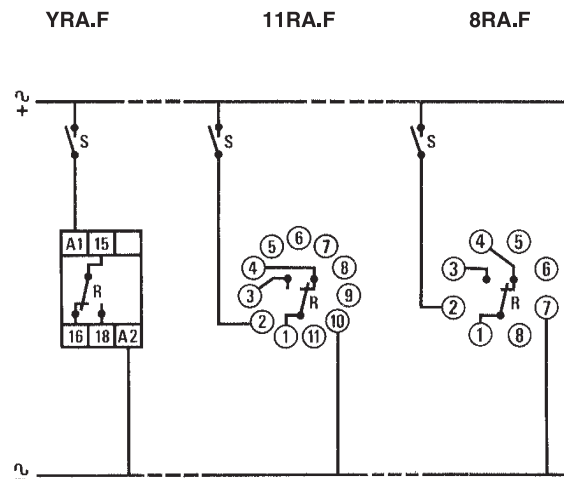
MODE OF OPERATION:

Function A

Timing commences with the closure of S (Supply On). At the end of timing the relay R is energised.



CONNECTIONS:



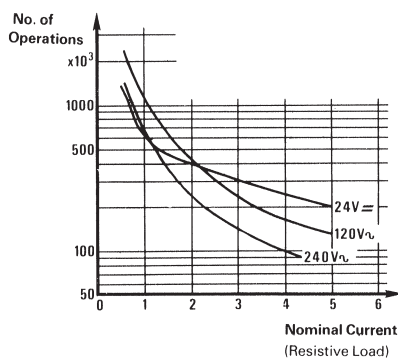
2 pole versions — see page 16

Note:

Factory preset version YRA.P - is available for 10+ pieces.

SPECIFICATION

Supply tolerance.....	0.85 to 1.15 Un
Frequency	50-60 Hz
Maximum power consumption.....	10 VA at 240 Vac
Output.....	single pole changeover
Contact material	AgNi
Maximum loading	5 A
Maximum switching voltage	250 Vac, 30 Vdc
Relay maximum power rating.....	960 VA, 120 W
Mechanical life of relay.....	2×10^7 operations
Electrical life of relay	5×10^4 operations at full load
Setting accuracy.....	0 to +30%
Repeat accuracy at a constant ambient.....	$\pm 0.5\%$
Repeat accuracy within temperature specification of VDE 0435	$\pm 3\%$
Reset time:	
After timing	50 ms
During timing	100 ms
Operating and storage temperature ...	-20 to +60°C
Connection	screw terminals or plug-in
Weight	80 g
Dimensions.....	see page 5



ORDERING INFORMATION:

Type and function of timer
— DIN-rail or panel mounting YRA.F
— 11 pin plug-in 11RA.F
— 8 pin plug-in 8RA.F

Timing range

0.1 to 1 sec	0.6 to 60 sec	0.2 to 20 min
0.1 to 3 sec	1 to 100 sec	0.3 to 30 min
0.1 to 10 sec	3 to 300 sec	0.6 to 60 min
0.3 to 30 sec	0.1 to 10 min	1 to 100 min

Supply

230 V~	50/60 Hz
110 V~	
48 V~	
24 V~	
12 V~	

11RA.F 10s 24