

DIN RAIL, 8 & 11 PIN PLUG IN, IN SERIES TRIAC INTERVAL TIMERS

PRODUCT
GROUP
A

TYPES: YSH, 8SH, 11SH

FEATURES

- Din rail & plug in versions
- Connects in series with the load
- Ideal product for refrigeration compressors
- Operates on any supply 24-250V AC
- Choice of three multi time ranges
- Single time ranges & fixed times
- LED indication
- CE marked

DESCRIPTION & MODE OF OPERATION

Din rail mounted or 8 & 11 pin plug in, in series triac interval timers. Operates on any supply from 24-250V AC and is connected in series with the load. For these timers to operate there must be a load of at least 5mA, they cannot be used for "volt free" control. These timers are available in a choice of one of three multi time ranges, single time ranges or as a fixed time setting. The timers feature a red LED to indicate 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 15 & 18 or pins 1 & 3, at this point the output will immediately switch and timing commences. After the delay time the output will open. For the function to occur again the supply has to be removed and re-applied. Removal of the supply during timing will cause the switch to immediately open and any remaining set time will be cancelled.

SPECIFICATIONS

Timing:

Repeat accuracy:
constant ambient: $\pm 0.5\%$ of set value
across temp range: $\pm 3\%$

Reset time:
during timing: 100mSec
after timing: 25mSec

Output:

Output rating I_{max}: 0.7Amps continuous (20°C)
Peak current: 20Amps <10mSec
Output rating I_{min}: 5mA
Voltage drop during timing: 8.2V
Transient protection: 1400V for 100μSec

Supply voltage:

Supply voltage: 24-250V AC

General:

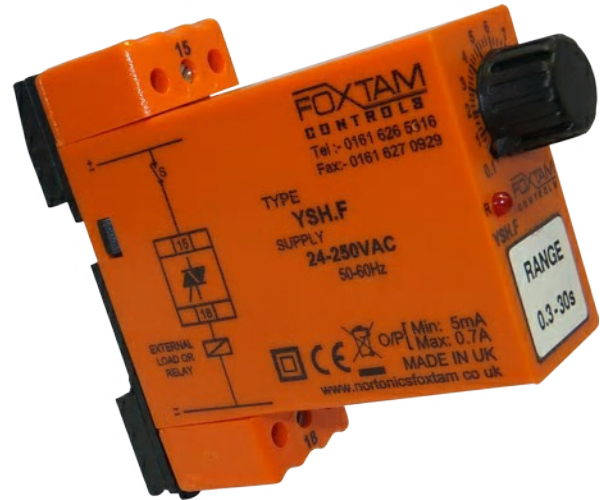
Operating temperature: -20°C to +65°C
Storage temperature: -20°C to +65°C
CE marked: Yes
In accordance with: EN61000-6-1: 2007
EN61000-6-3: 2007
EN61010-1: 2002
Housing material: Polycarbonate, Auto extinguishable to UL 94 V-0

ORDERING INFORMATION

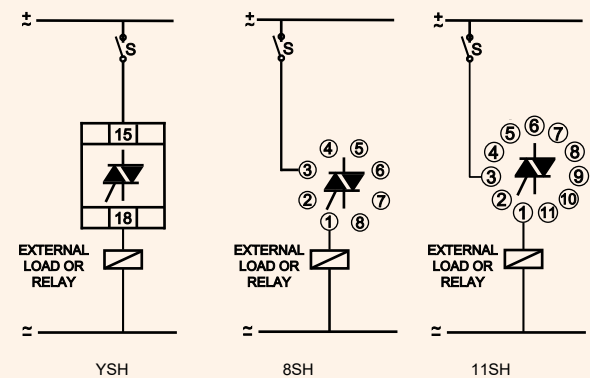
TYPE	TIME RANGE (specify F then time range, or P and factory set time, or S, M or L multi range version)		
YSH (Din rail)	S (0.06 to 160 secs)	M (0.5 sec to 21 mins)	L (15 sec to 640 mins)
8SH (8 pin plug in)	0.06 to 0.6 sec	0.5 to 5 sec	15 to 150 sec
11SH (11 pin plug in)	0.25 to 2.5 sec	2 to 20 sec	1 to 10 mins
	2 to 20 sec	16 to 160 sec	8 to 80 mins
	16 to 160 sec	2 to 21 mins	64 to 640 mins
	F 0.1 to 1 sec	0.1 to 3 sec	0.1 to 10 sec
	0.3 to 30 sec	0.6 to 60 sec	1 to 100 sec
	3 to 300 sec	0.1 to 10 mins	0.2 to 20 mins
	0.3 to 30 mins	0.6 to 60 mins	1 to 100 mins

P Specify factory fixed time required, max 10 mins (min qty 10 pieces)

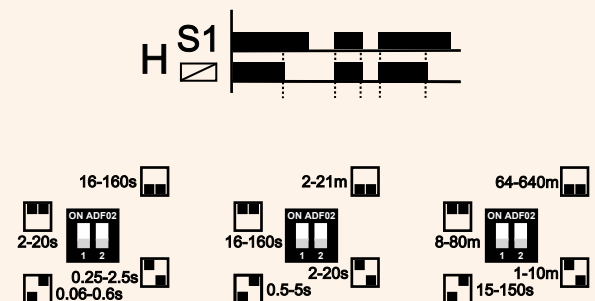
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CONNECTIONS



FUNCTION & TIME RANGE SELECTION



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