Product Features

- Din Sized enclosure for panel mounting.
- Digital dual display for set value and process value.
- FUNCTION (programmable): ON DELAY / INTERVAL /CYCLIC ADJUSTABLE.
- TYPE OF START SIGNAL (programable) : NO START / PULSE / CONTINUOUS.
- One of the relay c/o can be configured as INSTANT or DELAYED.
- Program lock is provided for function, relay configuration, type of start signal and range selected.
- RESET cum START facility can be achieved either through front buttons Or Rear terminals
- HOLD/RESTART facility during power failure conditions.
- Internal Resettable fuse for protection of device against voltage fluctuations(N.A. for H3PT-MU). Digital display will blink whenever voltage exceeds specified voltage range. Switch off the unit for sometime & then switch on when voltage returns to normal

Specifications

Model	H3PT-MU	C3PT-MU	E3PT-MU
Function	On-Delay / Interval / Cyclic (up counting)		
Rated supply voltage	85V to 270V AC, 85V DC to 270V DC		
Rated frequency	50 / 60Hz ±5% for AC supply only		
Power consumption	AC approx.10VA / DC approx 5W		AC approx. 15VA /3W
Time Range	0.10secs to 99hrs 59min.		
Display	4 digit 7 segment LED 0.28"	4 digit 7 segment LED 0.56"	
Range selection	Range Minimum Maximum S/S 0.1s 59.90s M/S 1s 59.59Min H/M 1m 99.59Hrs		
Setting accuracy	± 1% ± 50msec		
Repeat accuracy	± 0.05% max. ± 50msec		
Recovery time	2sec minimum		
Resetting time	N.A		
Variation due to voltage change	± 1% max ± 100msec		
Variation due to temp. change	± 2% max ± 100msec		
Variation due to frequency change	± 1% max ± 100msec		
Ambient temperature	Operationc -10°C to +55°C, Storagec -25°C to +80°C		
Humidity	Max. 85% RH @ 40°C		
Service life (under no load)	10^6 operation minimum		
Electrical life (under full load)	10^5 operation minimum		
Rated frequency of operation	1800 ± 5% operations per hour maximum		
Insulation resistance	> 100M ohms @ 500V DC		
Di-electrical strength	1) 2.5KV AC, 50Hz for 1minute. (Between current carrying and non-current carrying parts). 2) 1.5KV AC, 50Hz for 1minute. (Between contacts and control circuit). 3) 750V AC, 50Hz for 1minute. (Between non-continuous contacts of the relay).		
Control Output			
Relay1*	1C/O rated for 5A @ 250VAC/28VDC resistive load		Instant : 1C/O rated for 5A @ 250V AC/28V DC resistive load
Relay2**	1C/O rated for 5A @ 250VAC/28VDC resistive load		Delay : 2C/O rated for 5A @ 250VAC/28VDC resistive load
Start & Reset signal	250mSec minimum(Potential free)		
Electrical connection	Screw type terminals with self lifting clamps		
Dimension (over-all)	48 x 48 x 115mm (W x H x D)	72 x 72 x 128.5mm (W x H x D)	96 x 96 x 117mm (W x H x D)
Enclosure (series)	H1D series (long box)	C1D series	N.A
Panel cutout	N.A	68mm sq	N.A