



Product Features

- Din sized enclosure for panel mounting.
- Wide Voltage range
- Front / Rear reset facility provided.
- Hold / Restart options (selectable) during power failure.
- Input signal from proximity switch (NPN / PNP type) or Potential free (zero volt) signal from limit switch, relay o/p etc
- Over-voltage protection
- CT-5: Digital, single window 5 digit 7 segment red LED display with up counting for process value.
- Preset Counts can be programmed with the help of thumbwheel switch
- H3CT-5U : Digital, single window 5 digit 7 segment red LED display with up counting for both process value and set value
- Input sensitivity - programmable (1-100Hz)
- Internal Resettable fuse for protection of device against voltage fluctuations. 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	CT-5	H3CT-5U
Function	Up Counter with Hold mode	
Rated supply voltage	85V-270V AC, 85V-270V DC	
Rated frequency	50 / 60Hz \pm 5%	
Power consumption	Approx. 4VA / 1W,	
Control relay output	1 c/o rated for 5A@250V AC / 28V DC resistive load	
Count range	0-99999counts.	
Count speed	100Hz. max (min I/P pulse width 200msec)	100Hz max (min I/P pulse width 5msec)
Display	5 digit 7 segment LED 10mm	5 digit 7 segment LED 0.28"
Recovery time	2sec minimum	
Resetting time	250msec minimum	
Ambient temperature	Operation: -10°C to +55°C, Storage: -25°C to 80°C	
Humidity	Max. 85% RH @ 40°C	
Service life (under no load)	10 ⁶ operations minimum	
Electrical life (under full load)	10 ⁵ operations minimum	
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. 750VAC, 50Hz for 1minute. (Between non-continuous contacts of the relay).	
Electrical connection	Screw type terminals with self lifting clamps	
Dimension (over-all)	72 x 72 x 128.5mm (W x H x D)	48 x 48 x 115mm (W x H x D)
Sensor type	Proximity NPN / PNP Without Short Circuit Protection	Limit Switch, Proximity NPN / PNP Without Short Circuit Protection