

Digital ON Delay Timer CD-6M

Features

- ON Delay Timer-5 Digit.
- Wide voltage range.
- Hold/Reset option during power failure.
- Front/Rear reset facility.
- Preset time can be programmed with the help of thumbwheel switch.

Special Feature:

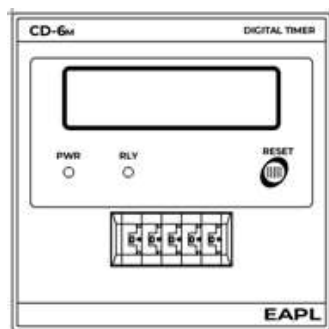
- Time Range: 99999 Min / 99999 Sec



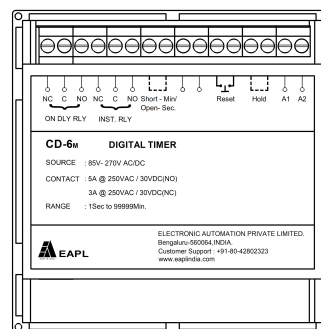
Ordering Information

Models	Function	Source Voltage	Output
CD-6M	Digital ON delay timer, with instant contact	85V to 270V AC/DC	1c/o rated for 5A

Front View



Rear View



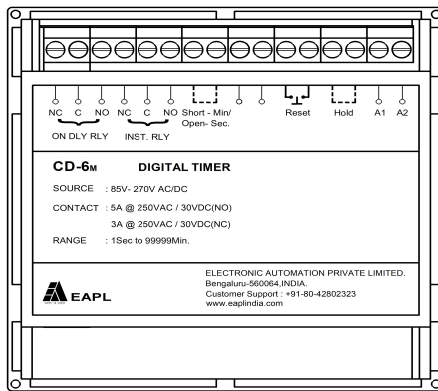
Over-all Dimension

Models	Dimension Details in mm			Cutout Dimension in mm	
	W	H	D	W	H
CD-6M	96	96	53	92	92

■ Specifications

Model	CD-6M
Function	Digital ON delay timer, with instant contact
Rated supply Voltage	85V to 270V AC/DC
Rated Frequency	50/60Hz \pm 5%
Power consumption	AC approx.8VA DC approx.5W
Control output	1c/o rated for 5A @ 250VAC /30VDC(NO) 3A @ 250VAC/30VDC(NC)
Display	5 Digit 7 segment LED, 0.56"
Time Range	1S to 99999 Sec 1M to 99999 Min / Selectable
Range Selection	Sec / Min
Setting accuracy	\pm 0.5% of set time \pm 50ms
Repeat accuracy	\pm 0.1% of set time \pm 50ms
Resetting time	250mSec minimum
Recovery time	2 Sec minimum
Variation due to voltage change	\pm 1% max. \pm 50mSec
Variation due to temperature change	\pm 1% max. \pm 50mSec
Variation due to frequency change	\pm 1% max. \pm 100mSec
Ambient Temperature	Operation \rightarrow -10 $^{\circ}$ C to +55 $^{\circ}$ C Storage \rightarrow -25 $^{\circ}$ C to +80 $^{\circ}$ C
Humidity	MAX 85% RH @ 40 $^{\circ}$ 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
Rated Frequency of operation	1800 \pm 5% operations per hour max
Dielectric strength	01) 2.5KV AC, 50Hz for 1 minute. (Between current carrying & non-current carrying parts). 02) 1.5KV AC, 50Hz for 1 minute. (Between contacts & control circuit) 03) 750V AC , 50Hz for 1minute (Between non-continuous relay contacts)
Electrical connection	Screw type PCB connector
Dimension	96 X 96 X 53mm (W x H x D)
Enclosure (series)	Micro series

Connection and Terminal Details

	Connection Details	Terminal Details
CD-6M	 <p>CD-6M DIGITAL TIMER</p> <p>SOURCE : 85V- 270V AC/DC</p> <p>CONTACT : 5A @ 250VAC / 30VDC(NO) 3A @ 250VAC / 30VDC(NC)</p> <p>RANGE : 1Sec to 99999Min.</p> <p>ELECTRONIC AUTOMATION PRIVATE LIMITED. Bengaluru-560054,INDIA. Customer Support : +91-80-42802323 www.eaplindia.com</p>	<p>A1, A2 : Source Voltage.</p> <p>Hold/Restart : Open for Restart. Short for Hold.</p> <p>Sec/Min : Open for Sec. Short for Min.</p> <p>Inst Rly : C, NC, NO</p> <p>ON Delay Rly : C, NC, NO</p>