

A-Series 22.5mm Timers

A1DCA-X

Features

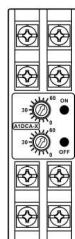
- A1DCA-X is a Cyclic ON-OFF Timer with independently settable.
- Suitable for Din Rail /Screw Mounting.
- LED indication for timing in progress.
- Terminal block safety protective cover.



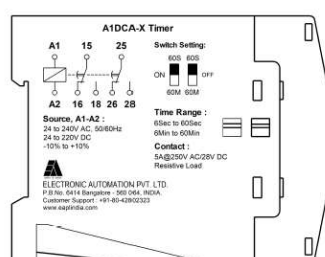
Ordering Information

Models	Function	Source Voltage	Output Voltage
A1DCA-X	Cyclic On-Off adjustable Timer	24 to 240V AC & 24 to 220V DC	2 c/o 5A

Front View A1DCA-X



Side View A1DCA-X



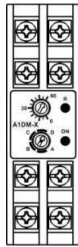
Over-all Dimension

Models	Dimension Details in mm		
	W	H	D
A1DCA-X	22.5	75	103.8

■ Specifications

Parameters	Models	A1DCA-X
Function		Cyclic On-Off adjustable Timer
Rated supply Voltage		24 to 240V AC & 24 to 220V DC
Operating voltage range		-10% to +10% of rated voltage
Rated Frequency		50/60 Hz \pm 5%
Power consumption		AC approx.5VA DC approx.3W
Control output		2 c/o rated for 5A @ 250VAC/28VDC resistive load
Time range		6Sec to 60 Min .
Range selection		6Sec to 60Sec 6Min to 60Min
Setting accuracy		\pm 10% max. w.r.t full scale \pm 100mSec
Repeat accuracy		\pm 1% max. \pm 100mSec
Recovery time		150mSec minimum
Variation due to voltage change		\pm 2% max. \pm 100mSec
Variation due to frequency change		\pm 2% max. \pm 100mSec
Variation due to temperature change		\pm 5% max. \pm 100mSec
Ambient temperature		Operation : -10°C to + 55°C Storage : -25°C to + 80°C
Humidity		MAX 95% RH @ 40°C
Service life (under no load)		10 ⁶ operations minimum
Electrical life (under full load)		10 ⁵ operations minimum
Rated frequency of operation		1800 \pm 5% operations per hour max
Insulation resistance		>100M ohms @ 500V DC
Dielectric strength		01) 1.5KV AC (rms), 50Hz for 1 minute.(Between INPUT terminals & enclosure) 02) 1.5KV AC (rms), 50Hz for 1 minute.(Between contacts terminals & enclosure) 03) 1.5KV AC (rms), 50Hz for 1 minute.(Between INPUT terminals & relay contact terminals) 04) 1.0KV AC (rms), 50Hz for 10-30 sec.(Between non-continues contact of the relay)
Electrical connection		Screw type terminals with self lifting
Dimension(W X H X D)		22.5 x 75 x 103.8mm

Connection and Terminal Details

	A1DCA-X
Connection Details	
	A1DCA-X
Terminal Details	A1, A2 : Source Voltage 15, 16, 18 : C1, NC1, NO1 25, 26, 28 : C2, NC2, NO2