

## A-Series 22.5mm Timers

### A1DM-X

## Features

- A1DM-X is a Multifunction Timer with A, B, C and D modes of Operation
- Mode A: ON Delay
- Mode B: Interval
- Mode C: ON Delay Cyclic
- Mode D: Interval Cyclic
- Suitable for Din Rail /Screw Mounting.
- LED indication for timing in progress.
- Terminal block safety protective cover.

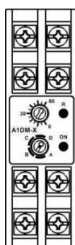


## Ordering Information

Models	Function	Source Voltage	Output Voltage
A1DM-X	Multi Function Timer	24V-240V AC 24V-220V DC	2 c/o 5A

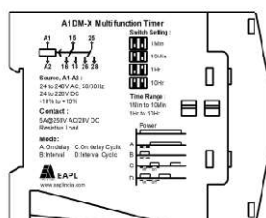
### Front View

### A1DM-X



### Side View

### A1DM-X




## Over-all Dimension

Models	Dimension Details in mm		
	W	H	D
A1DM-X	22.5	75	103.8

## ■ Specifications

Parameters	Models	A1DM-X
Function		Multifunction timer A: ON delay B: Interval C: ON delay cyclic D: Interval cyclic
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		0.1MIN to 10Hrs
Range selection		0.1Min to 10 Min 1Hr to 10Hrs
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 <sup>6</sup> operations minimum
Electrical life (under full load)		10 <sup>5</sup> 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

	A1DM-X
Connection Details	
	A1DM-X
Terminal Details	<b>A1, A2</b> : Source Voltage <b>15, 16, 18</b> : C1, NC1, NO1 <b>25, 26, 28</b> : C2, NC2, NO2