

A Series Timer (A1DH - 1)



- Din sized enclosure for Track / Screw mounting.
- Front terminal protective cover for safety.
- LED indication for timing in progress.
- Dimensions: 22.5 X 75 X 102mm (W X H X D).
- Screw type terminals with wire size 2.5 mm² max.

Operating Voltage Range	-20% to + 10% of rated voltage
Rated frequency	50Hz +5%
Power consumption	10VA / 2W
Control output	2c/o rated for 0.5A @ 250VAC/28VDC resistive load
Time Range	18 sec to 180 sec
Setting Accuracy	+ 10% max. w.r.t. full scale + 100msec
Repeat Accuracy	+ 2% maximum + 100msec
Energization Time	2 sec minimum
Rated frequency of operation	180 + 5% operations per hour max.
Insulation Resistance	>100M ohms @ 500VDC
Dielectric Strength	a)2.5 KV AC ,50HZ for 1 min(between current carrying & non current carrying parts) b)1.5 KV AC,50HZ for 1 min(between contacts and control circuit) c)1 KV AC, 50HZ for 1 min(between non continuous relay contacts)
Variation due to voltage change	+ 2% max + 100msec
Variation due to frequency change	+ 2% max + 100msec
Variation due to temp. change	+ 5% max + 100msec @ 25 degree C
Temperature Co-Efficient	+ 0.5% max for every 1 degree C
Ambient Temperature	Operating: - 10 degree C to + 55 degree C Storage : - 25 degree C to + 80 degree C
Humidity	Max. 85% RH @ 40 degree C
Service Life(under no load)	10 Deg C operations minimum
Electrical Life (with full load)	105 Operations minimum
Connections	Screw type terminals with self lifting clamps
Dimensions	22.5x 75 x 102 mm [W x H x D]



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