

A Series Timer (A1DA)



- Din sized (22.5mm x 75mm) enclosure for track /screw mounting
- Front terminal protective cover for safety.
- External command contact for timing initiation.

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| Operating Voltage Range | -20% to + 10% of rated voltage |
| Rated frequency | 50 Hz to +5% |
| Power consumption | 10VA/2W AC approximately |
| Control output | 1 c/o rated for 5A@250V AC /28 V DC Resistive load |
| Start Signal | Potential free closure for a minimum of 150msec |
| Range Selection | 3sec,30 sec,3min, 30min |
| Setting Accuracy | + 10% maximum + 100msec |
| Insulation Resistance | >100M ohm@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 A, 50HZ for 1 min(between non continuous relay contacts) |
| Repeat Accuracy | + 1% maximum + 100msec |
| Recovery Time | 100 mSecs. minimum |
| Rated frequency of operation | 1800/hr +5% operations per hour |
| Variation due to voltage change | + 2% max + 100 mSecs |
| Variation due to temp. change | + 5% max + 100 mSecs |
| Variation due to freq. change | + 2% max + 100 mSecs |
| 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 ⁷ operations minimum under no load |
| Electrical Life(Under full load) | 10 ⁵ Operations minimum with full load |
| Connections | Screw type terminals with self lifting clamps |
| Dimensions | 22.5x 75 x 102 mm [W x H x D] |
| Wire Size | 2.5 mm ² max. |
| Approx. Weight | 110 gms. |



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