

AUTOMATIC CONTROL PARTS

Timing Relay

- Small but high precision.
- Attachment area is same as DMR TYPE.
- Operating is shown by pilot lamp of power on time up .



| Item | Performance |
|-----------------------------------|--|
| Repetition error | below $\pm 0.2\%$ $\pm 20\text{ms}$ |
| Set error | below 10% |
| Mechanical lifetime | above 5,000,000 times |
| Return time | below 100ms |
| Allowable voltage variation range | 85~110% Vn |
| Voltage error | below $\pm 0.2\%$ $\pm 20\text{ms}$ |
| Ambient temperature | -10 ~ 50 |
| Temperature error | below $\pm 5\%$ |
| Ambient humidity | 30~85%RH |
| Withstand voltage | Electric circuit earth AC 1500V / 1min |
| | Between each circuits AC 1000V / 1min |
| | Between contact gaps AC 700V / 1min |
| Insulation resistance | above 100M |
| Withstand vibration | 16.7Hz double amplitude 4.0mm |
| Withstand impact | 20G |
| Weight | about 44g |

| Plug-in Type | Operating pattern | Contact form | Rating Conductive current (A) | Rating voltage(V) | Max. Time spec |
|----------------|-------------------|--------------|-------------------------------|------------------------------------|-----------------------------|
| KDTM-2 | | 2A 2B | 5A | DC 12V DC 24V | 1Sec, 5Sec 10Sec, 15Sec |
| KDTM-2L | On-delay | 2A 2B | 5A | DC 48V DC 110V | 30Sec, 60Sec 5Min, 10Min |
| KDTM-4 | | 4A 4B | 3A | AC 110V 50/60Hz AC 220V 50/60Hz | 15Min, 30Min 60Min |