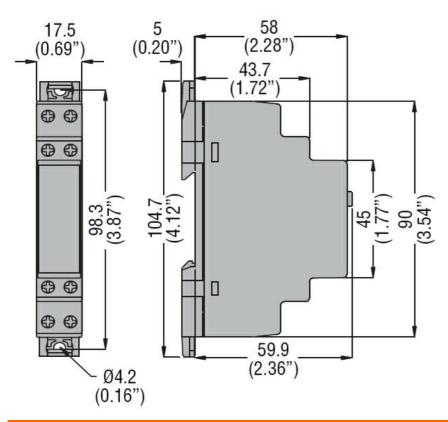
RELÉ TEMPORIZADOR PARA ARRANQUE, MULTIESCALA, MULTITENSIÓN, VERSIÓN MODULAR, 24-48VDC, 24...240VAC



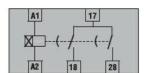
| Product designation | | | Time relay |
|--|---------------|------|----------------------|
| Product type designation | | | TMST |
| Number of DIN modules | | | 1 |
| General characteristics | | | |
| | | | Time relay for |
| Description | | | star-delta starting, |
| | | | multiscale and |
| Ec. | | | multivoltage |
| Function | | | Star-delta |
| Supply circuit | | | 04 40\/DC: |
| Rated auxiliary supply voltage Us | | | 2448VDC; 24240VAC |
| Rated auxiliary supply voltage Us | | | |
| AC | | | |
| | min | VAC | 24 |
| | Max | VAC | 240 |
| DC | | | |
| | min | VDC | 24 |
| | Max | VDC | 48 |
| Rated frequency | | Hz | 50/60 |
| Operating voltage range | | | 0.851.1 Us |
| | | | 1.2VA/0.8W |
| Maximum power consumption / dissipation | | W | (2448VAC/DC), |
| | | | 1.6VA/0.9W |
| Instruments after a few antiques to a plantage | | | (110240VAC/DC) |
| Immunity time for microbreakings | | ms | ≤40 |
| Timing circuit | | | 0.1a 10min |
| Time setting range | | % | 0.1s10min <±9 |
| Setting accuracy | | | |
| Repeat accuracy | | % | <±0.5 |
| Influence of voltage variation | | % | <±0.1 |
| Influence of temperature variation | | % | <±0.2 |
| Resetting time | D. der Cale | | . 400 |
| | During timing | ms | ≥100 |
| Deleviestorite | Elapsed time | ms | ≥50 |
| Relay outputs Number of relays | | Nr. | 1 |
| Number of relays | | INI. | 1 with 2 N/O with |
| Contact arrangement | | | common pole |
| Maximum switching voltage | | VAC | 250 |
| IEC Conventional free air thermal current Ith | | Α | 8 |
| UL/CSA and IEC/EN 60947-5-1 designation | | | B300 |
| Insulation (input-output) | | | |
| Rated insulation voltage Ui | | V | 250 |
| Rated impulse withstand voltage Uimp | | kV | 4 |
| Power frequency withstand voltage | | kV | 2 |
| | | | |

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| Connections | | | | |
|----------------------------|-----------------------|-----------------------|--------|----------------------------------|
| Terminals type | | | | Screw |
| Tightening torque (Max | 2) | | | |
| | | Tightening torque Max | Nm | 0.8 |
| | | Tightening torque Max | lbin | 7 / 79 UL |
| Conductor section | | | | |
| | AWG/Kcmil | | | |
| | | min | | 2412 |
| | | max | | 1218 |
| | IEC | | | |
| | | min | mm² | 0.2 |
| | | max | mm² | 4 |
| Operations | | | | |
| Mechanical life | | | cycles | 30000000 |
| Electrical life (with rate | d load) | | cycles | 100000 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | | | |
| | | min | °C | -20 |
| | - | max | °C | +60 |
| | Storage temperature | | | |
| | | min | °C | -30 |
| | | max | °C | +80 |
| Relative humidity | | | % | <90% |
| Maximum Pollution deg | gree | | | 2 |
| Overvoltage category | | | | Ш |
| Housing | | | | |
| Execution (n° of modul | es) | | | 1 |
| Material | | | | Self-extinguishing polyamide |
| Mounting | | | | DIN rail 35 mm |
| Degree of protection | | | | IP40 on front, IP20 terminals |
| Dimensions (W x H x D |)) | | mm | 17.5 x 104.7 x 64.9 |
| Weight | | | g | 90 |
| Dimensions | | | | |



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°14 IEC/EN 61812-1

UL508

Certificates

CCC cULus

EAC

ETIM classification

ETIM 8.0

EC001439 -Timer relay