GENERAL CONTROL RELAY ETR EMR SERIES

FEATURES

- Dielectric Strength up to 4,000VAC.
- 8mm safety distance between coil and contact.
- Two pinning types available: 3.2 and 5.0mm.
- In accordance with IEC 60335-1 and IEC 60730-1.
- Comply with RoHS and REACH regulations.

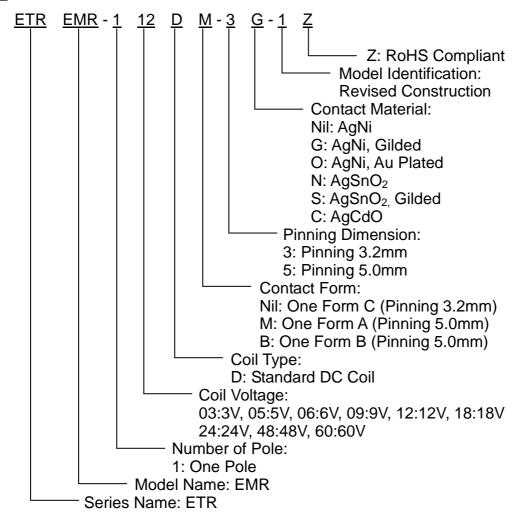
SPECIFICATIONS

| Contact Resistance | Max. 100mΩ at initial value. @1A,6VDC | | | | |
|-----------------------|---------------------------------------------------------------------------------------------------------------|--|--|--|--|
| | 8 Amps at 250VAC Cosφ=1 5 Amps at 30VDC L/R=0 | | | | |
| Operate Time | 12m Sec. Max. | | | | |
| Release Time | 4m Sec. Max. | | | | |
| Dielectric Strength | Between coil & Contact: 4000VAC at 50/60Hz for one minute Between Contacts: 1000VAC at 50/60Hz for one minute | | | | |
| Insulation Resistance | 1000MΩ Min. at 500VDC | | | | |

■COIL SPECIFICATION AT 20°C

| Coil Sensitivity | Nominal Voltage (VDC) | Nominal Current (mA) | Coil Resistance (Ω±10%) | Power Consumption (W) | Pull-In Voltage (VDC) | Drop-Out Voltage (VDC) | Max. Allowable Voltage (VDC) |
|---------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------|----------------------------------------------------|------------------------------|---------------------------------------|
| EMR | 3 | 73 | 41 | Abt. 0.22 | EMR-D-3-1 80% Max. EMR-DM(B)-5-1 75% Max. | 5% Min. | 135% |
| | 5 | 44.2 | 113 | | | | |
| | 6 | 36.6 | 164 | | | | |
| | 9 | 24.4 | 368 | | | | |
| | 12 | 18.3 | 650 | | | | |
| | 18 | 12.2 | 1,475 | | | | |
| | 24 | 9.2 | 2,620 | | | | |
| | 48 | 5.2 | 9,210 | | | | |
| | 60 | 3.7 | 16,364 | | | | |

■PART NUMBER SYSTEM



*Marking without: "ETR" & "Z".

ETR EMR-112D-3N







Rely on ECE's Relays, and You Always Relax!

■ DIMENSIONS (≤5mm±0.2mm, >5mm±0.3mm, the tolerance of PCB thru hole:+0.1mm)

