

# Product datasheet

## Specifications

### Earth Leakage Breaker

**MO50E 2P2E 40A 30mA 1.5kA**

MO50E1PN40



|                                                     |                                                                         |
|-----------------------------------------------------|-------------------------------------------------------------------------|
| Standard                                            | IEC/EN 61009-1                                                          |
| Model                                               | MO50E                                                                   |
| Rated short-time current                            | 1.5kA                                                                   |
| Rated current, I <sub>n</sub>                       | 40A                                                                     |
| Number of poles                                     | 2P                                                                      |
| Elements                                            | 2E                                                                      |
| Rated frequency                                     | 50/60Hz                                                                 |
| Rated Operational Voltage, U <sub>e</sub>           | 240V                                                                    |
| Rated residual operating current (I <sub>Δc</sub> ) | 30mA                                                                    |
| Overload current tripping mechanism                 | Thermal operation                                                       |
| Tripping mechanism                                  | Terminal method operation                                               |
| Arc quenching method                                | Natural quenching                                                       |
| Terminal capacity (max)                             | 16 mm <sup>2</sup><br>(1.0 - 3.5 mm <sup>2</sup> use bar lug terminals) |
| Protection Class                                    | IP20                                                                    |
| Positive Contact Indication                         | ON / OFF                                                                |
| Installation Position                               | Vertical / Horizontal                                                   |
| Net weight                                          | 0.123g                                                                  |
| Electrical Endurance                                | 4000                                                                    |
| Application                                         | Water heater / Refrigerator freezer / Water pump                        |
| Dimensions (H x D x W)                              | 70x52x32mm                                                              |

