

MTE/A 27-100

Single-phase Automatic Reset PEN Fault Protection with MCB.

Our unique single-phase MCB with built in PEN fault protection, designed to facilitate compliance with BS:7671 2018, Amendment 1 2020 Regulation 722.411.4.1 (iv)*.

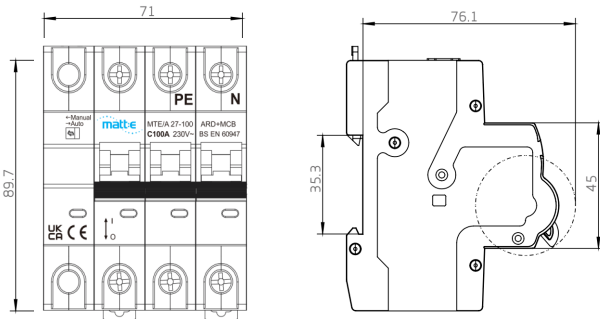
With built in manually resettable over current protection and automatic reset for PEN fault, the units offers simple, single connection, for PEN fault protection without the use of an additional contactor.

Ideally suited for single-phase feeder pillars, bespoke panels, EV charge points, etc.



Product Features and benefits

- Built in matt:e PEN Fault Protection
- NO EARTH ELECTRODES REQUIRED
- Helps reduce disruptive and costly groundworks
- Removes the risk of striking buried services
- Simple wire in wire out connection
- Over current protection
- 40A or 100A MCB
- Standard 1 Year parts warranty



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| Standard | BS EN 60898-1 BS EN 50557 |
| Certification | UKCA, CE |
| Pol. | 1P+N+PE |
| Rated current (A) | 1~100 |
| Rated voltage Ue | 230 |
| Rated insulation voltage (V) Ui | 500 |
| Rated working frequency (Hz) | 50/60 |
| Rated impact resistance voltage (kV) Uimp | 6kV |
| Rated short circuit capacity Icn, 230V/400V (IEC/EN 60898) | 10kA |
| Rated limit short circuit breaking ability Icu, 230V/400V | 25KA (IEC/EN 60947-2) |
| Rated running short circuit breaking capability Ics, 230V/400V | 75%Icn (IEC/EN 60947-2) |
| Overtoltage class | IV |
| Pollution levels | 3 |
| Transient tripping characteristics | C (5In~10) |
| Mechanical life | 20000 |
| Electrical life | 10000 |
| Protection grade | Circuit breaker body Installed in the distribution box |
| | IP20 IP40 |
| Warranty | 1 Year |

...Simplifying EV connection



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