

# 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 2:2022 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.

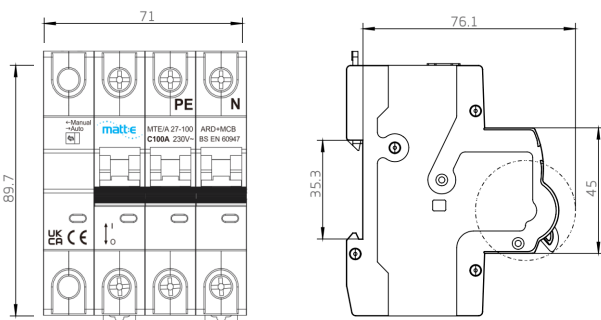
Ideally suited for single-phase feeder pillars, bespoke panels, EV charge points, etc.



## 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

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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