MTE/A 27-100 3P

Single-phase Automatic Reset PEN Fault Protection with MCB.

PRODUCT ADVISORY NOTICE

This product must be installed by a competent person in accordance with the IET Wiring Regulations BS 7671 (18th Edition or later) and current Building Regulations. Once installed, the device has a Live Mains Supply (230v or higher) and has an automatic reset function after a voltage excursion. Ensure the supply to the device is isolated or disconnected when working on this device and any equipment supplied from it.
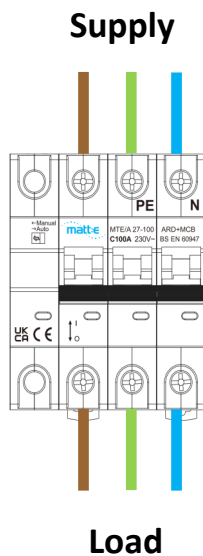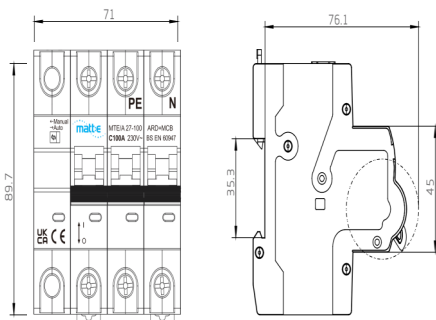
Operating Instructions

When the supply voltage is switched on to the device it will monitor the incoming supply for approximately 3 minutes to establish that the incoming supply is within the specified limits of 216V.2V and 253V. The device will then energise and connect the load. The delay is to establish the incoming supply is stable before applying power to the load.

In the event the device detects a fault condition, the electronic control circuit will open the device, disconnecting the Line, Neutral, and CPC from the load. The unit will remain de-energised until the monitored supply has returned to the correct voltage level and remained stable for a period of 3 minutes. Once stable the device will automatically reconnect the supply to the load.

Electrical Connections

Supply

Load

Dimensions

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)
Overvoltage class	IV
Pollution levels	3
Transient tripping characteristics	C (5In~10)
Mechanical life	20000
Electrical life	10000
Protection grade Circuit breaker body	IP20
Installed in the distribution box	IP40
Warranty	1 Year

...Simplifying EV connection