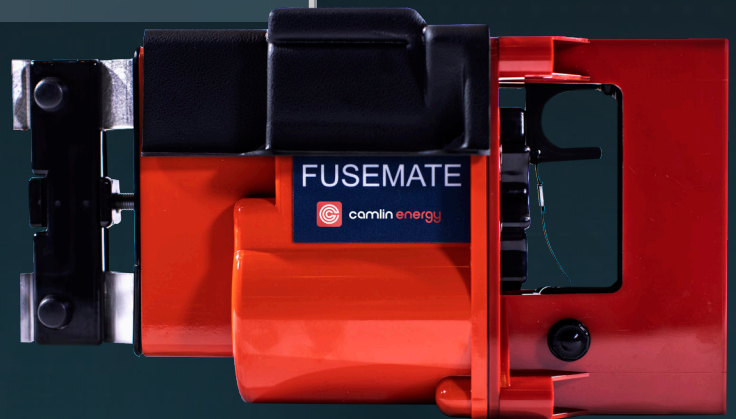


# FUSEMATE

## Completely safe LV fuse replacement



**FUSEMATE** eliminates the risk of personal injury when replacing LV fuses.

FUSEMATE provides crucial information to enable the LV circuit to be maintained safely.

- > Safe
- > Robust
- > Portable & lightweight
- > Simple to use
- > Fits JS & JP fuse stalks
- > Can be used in substations, link box and pole-mount fuse positions

### How FUSEMATE Works

FUSEMATE is designed to carry maximum load current for a short period of time in order to allow a circuit to be tested.

When closed under 'normal load' current conditions FUSEMATE will complete the circuit and display the current level on the LED bar graph display.

When closed under 'Fault' current conditions, the fuse in FUSEMATE blows to provide automatic protection for the operator (for currents below 2kA, the operator can open FUSEMATE).

### Key Features

#### Safety

Inherently safe design. Remote operation via a low power radio key fob up to 30m range

#### Portability

Light weight (2kg) ideal for one man operation

#### Ease Of Use

Compact design and clear instrumentation enable quick and effective use

#### Compatibility

Fits JS and JP type fuse positions, even in link boxes and pole mounted fuse holders. Accessor for use on NH fuse systems (DIN 43620/IEC 269) available

#### Reliability

Rugged design allows operation under the most severe working conditions



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FUSEMATE being used on a pole mounted fuse and in a UDB



FUSEMATE remote operation via included key fob

## SPECIFICATION

Rated Operating Voltage	415V RMS
Maximum Rated Load Current	400A RMS FOR 10 MINUTES
Maximum Making Current	50kA RMS
Series Fuse Rating	JP TYPE, 400A MAXIMUM
Manual Current Interruption	2,000A RMS MAXIMUM
Mechanical Life (No Load)	> 10,000 OPEN/CLOSE OPERATIONS
Insulation Level	2.5KV RMS
Enclosure Material	POLYCARBONATE
Power Supply	9VDV BATTERY (INTERNAL)
Weight	2KG
Dimensions	300 X 150 X 85mm
Operating Temperature Range	-10° TO +50°C

## RELIABILITY

Rugged design allows operation under the most severe working conditions.

## ACCESSORIES

FUSEMATE is supplied complete with the following accessories:

- > Remote control keyfob radio transmitter.
- > Insulated tool for fuse replacement.
- > Continuity Tester.
- > Safety Interlock.
- > NH fuse accessory (on request).

All equipment is contained in a rugged nylon carrying bag with separate compartments for storage of spare fuses.

## FUSEMATE CAN BE USED DIRECTLY ON:

- > LV feeder frames.
- > Pole-mounted fuse holders.
- > Underground Distribution Boxes.

## CAN BE USED WITH ADAPTOR KITS:

- > With NH fuses.
- > In live Cable Jointing procedures.
- > Non-standard LV underground distribution boxes, kiosks and feeder frames.

## LIVE CABLE JOINTING

A special adapter kit is available to permit the FUSEMATE to be temporarily connected in parallel when making a cable joint. This allows the jointer working on live LV cables to establish that there is no fault on the cable prior to beginning work and to complete the joint safely.