

LCMU

Line Continuity Monitoring Unit

Features

- Easy to install
- No additional wiring point
- Low cost
- Sub-miniature design
- Environmentally sealed

Product Overview

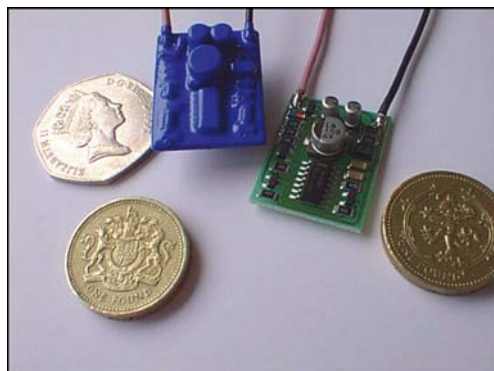
- To use this method of monitoring, the breaking connection of the detector base must be fitted with a diode. To ensure correct operation over a wide supply voltage range and with up to 20 detectors removed, a Schottky type BYV-1060 is recommended. These devices are, however, very sensitive to electrostatic discharge and extra care should be taken when handling or cable testing.
- It is also necessary to fit a 47uF capacitor to the detection line terminals on some of the control panels (not K3000 series or Sigma CP). Extreme care should be taken when fitting the capacitor in the panel as they are polarity conscious. The LCMU itself is also polarity conscious and the polarity is indicated in the normal manner i.e. black wire is always negative. A wrongly connected LCMU will produce a short circuit fault condition.
- Due to the use of surface mount technology components, the LCMU is probably the smallest device of its kind on the market. This enables the device to be fitted either within the last device on a zone or in the back box, eliminating the need for an additional wiring point.

Panels

Product Code	Description	Size (m)
K14060	Line Continuity Monitoring Unit 6k8	25 x 20 x 8
NF14060	Line Continuity Monitoring Unit 5k6	25 x 20 x 8
KID14060	Line Continuity Monitoring Unit 3k9	25 x 20 x 8

Technical

Finish	- Conformal powder coating
Colour	- Blue
Normal current	- 5mA at 28V
Fault condition current	- 750uA 50V
Max. zone cable resistance	- 20 ohms
Panel capacitor	- 47uF 50V
Operating voltage	- 15V to 30V
Terminal connections	- Bootlace ferrules
Max. detectors supported	- 20 per zone
Lead colours	- K1406K - pink/black K1406C - orange/black K1406N - red/black



Not required on
K3000 series or
Sigma CP panels

