bramco ELECTRONICS

Live Line Monitor
LLM Module

BRAMCO ELECTRONICS Product Sheet

Application

The Bramco Live Line Monitor provides a visual display of the status of each phase of a 3 phase AC load circuit.

Features:

The LLM Module is a compact, DIN or screw mounted, low power, three phase input device to provide visual indication of load phases being present.

The three load phases and Earth are connected to the LLM module.

The Remote Display Indicator is mounted on the door panel and connects to terminals on the LLM Module.

Normal:

- No AC - three phase LEDs should be Off.
- AC On - the three phase LEDs will be On.
- If any or all the LEDs are On, the circuit is alive.

Fault:

- If any or all of the three phase LEDs are On, indicates a load phase not isolated.

LEDs for:

- Phase A U
- Phase B V
- PHase C W

Note: Dual LEDs for each phase.

Easy Installation:

Mount the LLM module close to the point of connection. Connect the 3 phase wires and the Earth Wire.

Note: For safety this earth must be fitted.

Fit the LLD Remote Display into 22.5mm hole provided on the panel facia. Connect the Remote Display wiring to the LLM Module.

Specifications

A00758

System Voltage - 415-1100v 50/60Hz
Phase Voltage - 240-700vAC

A00971

System Voltage - 380 - 460v 50/60Hz
Phase Voltage - 220 - 255vAC

AC Voltage - 1000vAC 1 minute (PH to E)

Phase Loading to Earth - 100k Ohms at 50Hz

DC Voltage - 2000vDC 1 minute (Ph to E)

Phase Loading to Earth - 20M Ohms at DC.

- Local/Remote Display have dual LEDs for each phase.

- Remote Display Touch Potential - 24vDC maximum when earth is connected

Operating Temperature - 0 - 50°C

Enclosure LLM Module

- 55W x 75H x 110D
- High impact resistant polycarbonate
- DinRail and screw mounting
- Cage screw terminals
- Weighs 250gms

Enclosure Remote Display

- Panel cutout 22.5mm diameter
- Bezel 30mm diameter x 20mm projection
- Depth 50mm excluding 4 wires
- Connection through 2m x 4 cores cable
- Weighs 100gms

Ordering Information

A00758 LLM Module 415 - 1100vAC
A00971 LLM Module 380 - 460vAC
A00739 LLD Remote Display

BRAMCO
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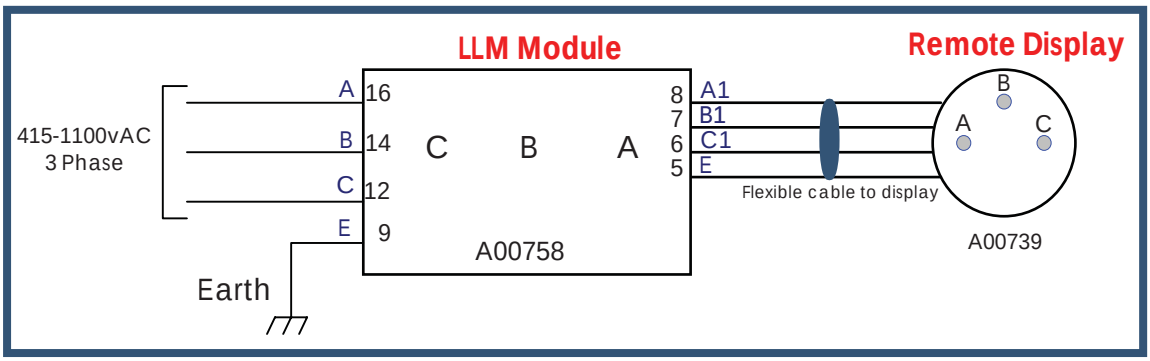
Connection Details



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