

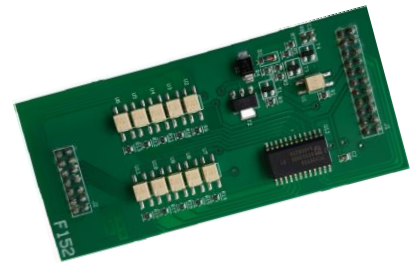
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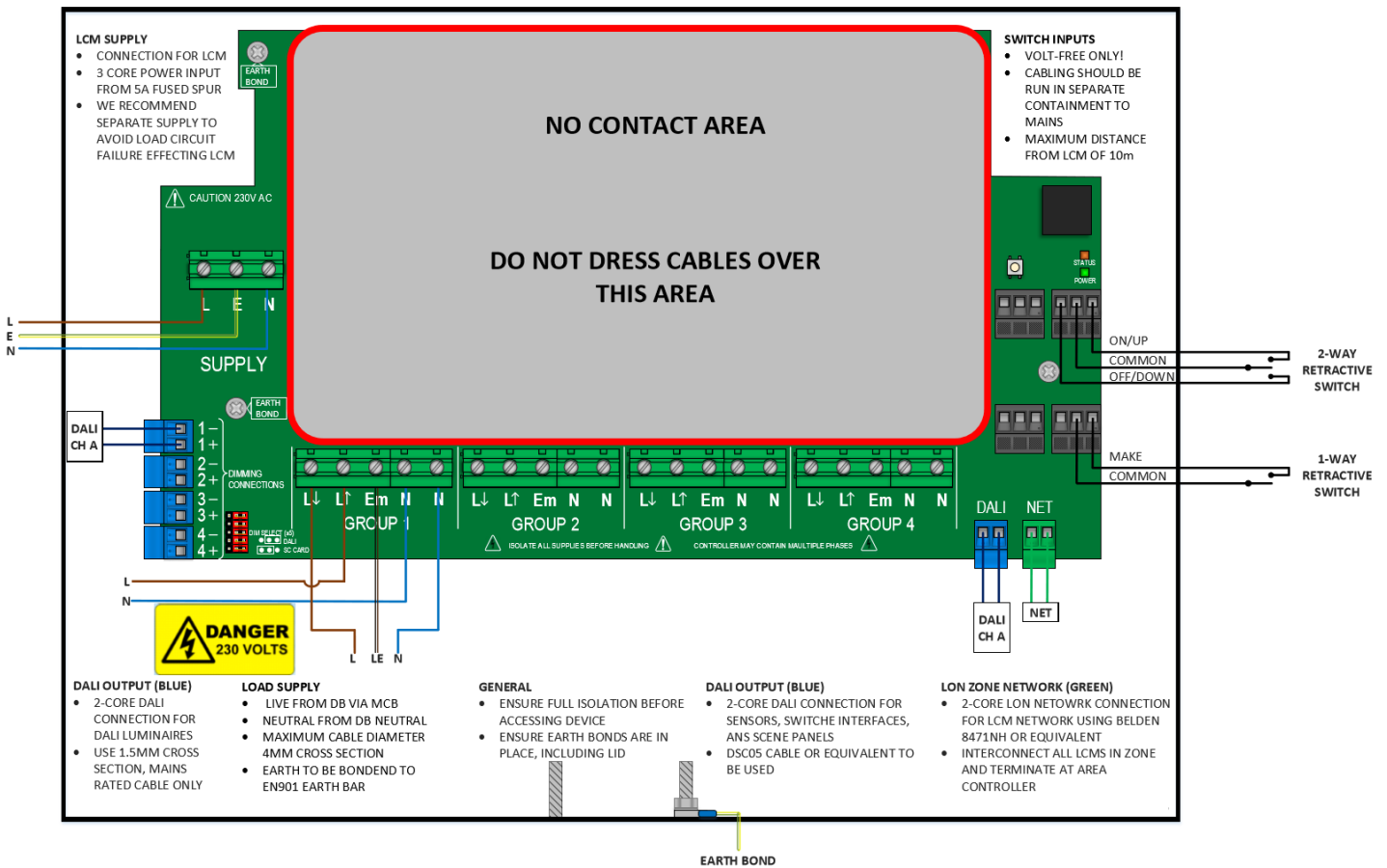
PL414 Digital addressable LCM fitted with SC40 DSI card

4 input / 4 output, hardwired lighting control module, providing solutions for DSI dimming with the option of DALI control.

Key Features:

- DSI Dimming
- EM testing, monitoring and diagnostics
- Status, Power, DALI & Fault LED indicators
- 4 addressable inputs
- 4 addressable outputs
- Dual network connections
- Fully distributed intelligence
- Choice of pre or post install commissioning





Specifications

Features

- 4 circuit lighting control module
- LonWorks™ Interoperable solution
- Simple integration and wiring
- Hardwired with 20mm knock-out cable entry

Outputs

- 4 x independently controllable outputs
- Emergency light testing instigation - independent emergency relay per output
- Low voltage DALI output

Inputs

- 4 x low voltage inputs for switches
- Emergency light test monitoring with EM range module or equivalent

Networking

- LonWorks™ network TP/FT-10 (Capacitor Decoupled)

Cabling & Connectors

- 4 x Mains input 16A three phase
- LonWorks™ interface
- 4 x Switch connectors
- 4 x Outputs connectors

Dimensions

355 mm x 260 mm x 80 mm (LxWxH)

Fixings

- 4 x 5 mm fixing holes (suitable for surface mounting only)

Safety

- EN 62368-1
- Isolation: 4kV between mains & SELV

Conformity & Standards

- Generic emission: EN61000-6-3
- Generic immunity: EN61000-6-1
- LonMark™ compliant
- ARCOM MasterSpec 2013 Classification 29 09 43.23

Environment

- Storage
- Temperature: -10°C - +60°C
- Humidity: 0% - 90% non condensing
- In Use
- Temperature: 0°C - +40°C
- Humidity: 10% - 90% non condensing

Mains Input

- Mains supply: 230 Vac; 50 Hz
- Connections: screw terminal via 20mm KOs

Outputs

- Connections: screw terminal via 20mm KOs
- Switching capability: 16 A per output maximum
- Maximum total load: 64 A all lighting load types
- Emergency Maintained capacity: 1000 VA total maximum

Switch Inputs

- Switch supply: Volt free
- Switch isolation: 2 kV
- Connection: 3 pole rising clamp termination

DALI Outputs

- 2 pole rising clamp 0.5mm to 1.5mm²

Installation

- Must be installed at accessible height but no higher than 1.5 meters.

Important

All wiring must be carried out by a qualified electrician in accordance with the current edition of the wiring regulations and any applicable regional standards

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