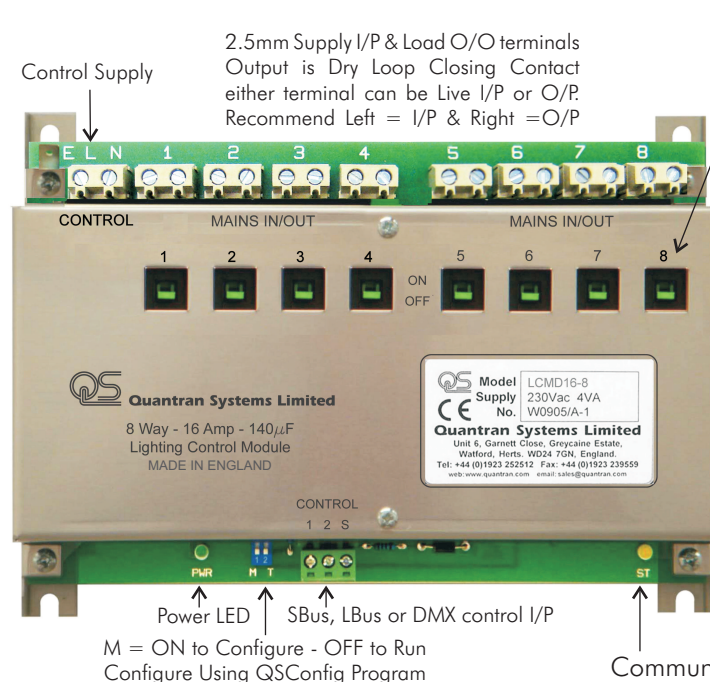


LCMC16-8

8 Channel Switching Power Module

The **LCMC16-8** is a very versatile 8 channel 16A per channel power switching module that can be programmed by QSConfig for control from Quantran Dimming System Sbus, Lighting Control LBus and the Theatre DMX512 control bus. Any switched channel output can be programmed for any control channel input or in pairs for curtain control. The module can be fitted with protection devices as required, in to its own stand alone case, or, in to a cabinet with any other Quantran dimming of lighting control modules.



Control Supply

2.5mm Supply I/P & Load O/O terminals
Output is Dry Loop Closing Contact
either terminal can be Live I/P or O/P.
Recommend Left = I/P & Right = O/P

ON-OFF Status & Manual override

Maximum Loading per Output

Current	16 A
Voltage	240 Vac
Capacitive	140 µF
Incandescent lamp load	2500 W
LV Inductive transformer	1200 W
LV electronic transformer	1500 W
Gas discharge	2000W
T5/T8 electronic ballast	single tube
18 W & 24W	23
36 W	14
58 W	11

Complies with all applicable EC EMC & LV directives and is manufactured in the UK by **Quantran Systems Limited.**

Power LED

M = ON to Configure - OFF to Run
Configure Using QSConfig Program

SBus, LBus or DMX control I/P

Communications and configuration LED status

Model LCMC16-8
Supply 230Vac 4VA
No. W0905/A-1
Quantran Systems Limited
Unit 6, Garnett Close, Greycaine Estate,
Watford, Herts. WD24 7GN, England.
Tel: +44 (0)1923 252512 Fax: +44 (0)1923 239559
web: www.quantran.com email: sales@quantran.com

8 Way - 16 Amp - 140µF
Lighting Control Module
MADE IN ENGLAND

CONTROL 1 2 3 4 5 6 7 8

MAINS IN/OUT

ON OFF

CONTROL 1 2 S

The **LCMC16-8** 8 channel power switching module is fitted with a 16A. Tungsten, 140microF Electronic Load, Fail Safe Magnetic Latching Relay on each channel, which is an essential safety factor in controlling the lighting in public areas. Latching Relays eliminate public panic & fear by maintaining the lighting at the last selected On or Off state for each independent circuit, in the event of a data communications control signal failure, or, after restoration in the event of a power failure

The **LCMC16-8** can be configured to provide 4 pairs of interlocking relays for curtain control in an architectural dimming system. In Curtain Control mode the curtain motor run time and direction change time delay can be programmed to eliminate motor damage should the curtain end limit control system male function.

The **LCMC16-8** is fully addressable, each of the eight switched outputs can be controlled independently or in any combination. The module is controlled using an advanced message format that includes error detection and self-correction using Quantran Systems own propriety protocol. In the event of signal failure each channel can be independently programmed to stay at the last selection, switch ON or OFF after a pre programmed time. The LCMC16-8 can be programmed to work on the Quantran Systems Sbus, LBus or from a DMX512 control system. It has an inbuilt **"Control System Supervisor"** which maintains the last state selected on each switch channel and flashes the status LED when it detects the loss of control data input. After a power loss, on restoration the System will restore each channel to the "Last scene selected" prior to the power loss.

THE TOTAL SOLUTION

Quantran Systems Limited, Unit 6, Garnett Close, Greycaine Estate, Watford, Herts. WD24 7GN, UK.
Tel: +(0)1923 252512 Fax: +(0)1923 239559 web: www.quantran.com email: sales@quantran.com

LCMC/180811