

# VITP7-DIN-LCM6-6DD and VITP7-HW-LCM6-6DD (kit)

## Lighting control module

For comprehensive information use  
QR code link to System Manual.  
<http://cpelectronics.co.uk/cp/980qr>

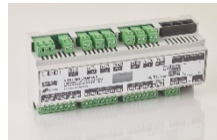


### Overview

#### VIT7-HW-LCM6-6DD (kit)



#### VIT7-DIN-LCM6-6DD



The Vitesse Plus DIN series of lighting control modules (LCMs) are used as part of the Vitesse Plus series 7 lighting control system.

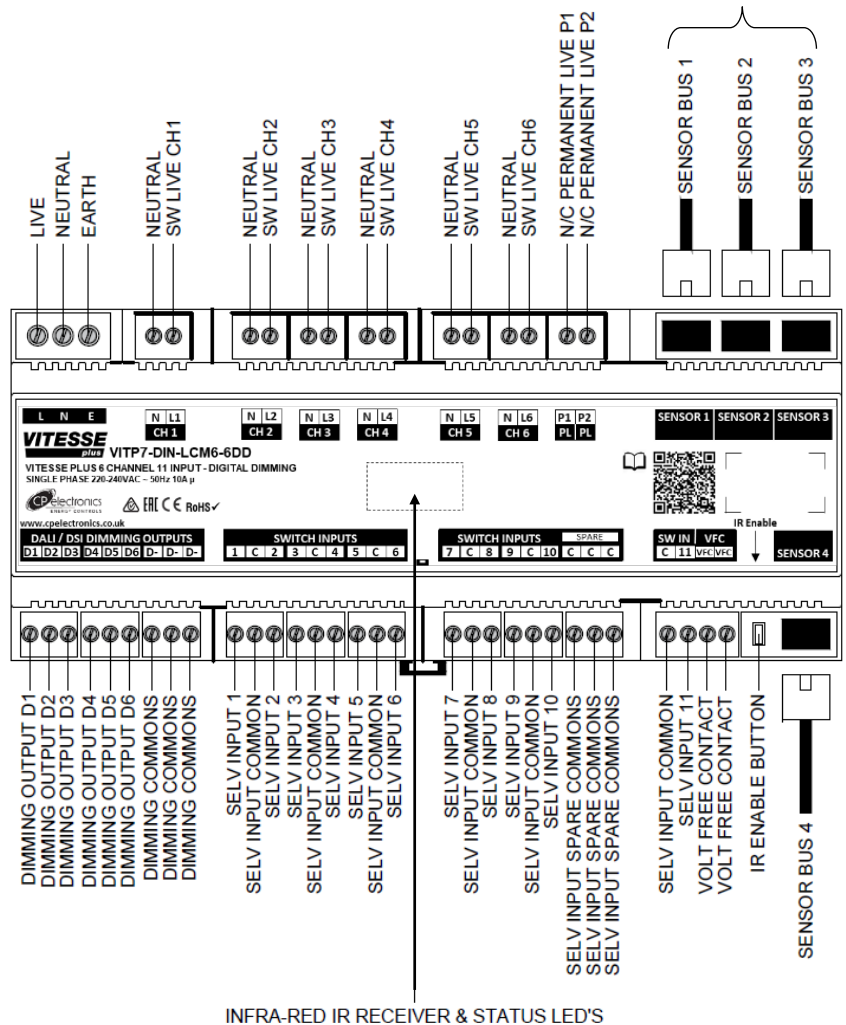
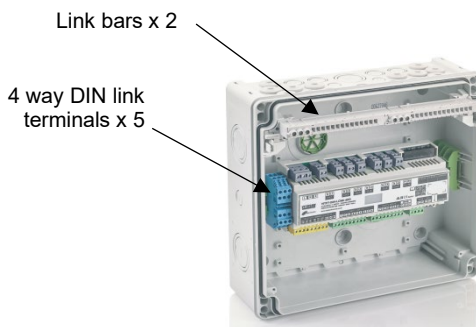
The VITP7-HW-LCM6-6DD (kit) is supplied in a kit form in an enclosure with wiring accessories ready for installation onsite. The VITP7-DIN-LCM6-6DD DIN-rail mounting unit is intended for 35mm DIN rail mount integration into the customer's own enclosure panel.

The unit requires 230v AC wiring and is to be installed by a competent engineer to minimise any risk of personal injuries or damage to the unit due to any errors in its connections.

### Features

#### Terminals and Functions

Max 1 sensor per sensor bus. For certain Presets, 1 x scene plate can also be added.



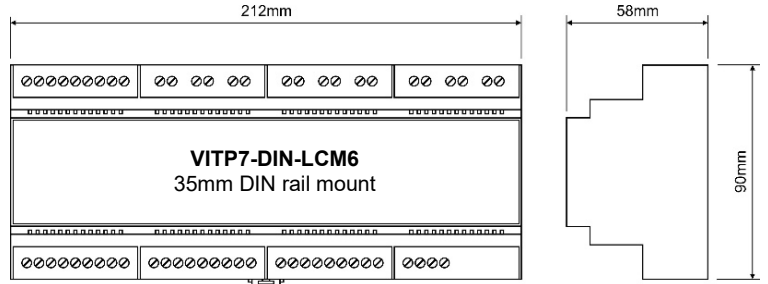
The function of the unit is determined by programming via infra-red signals using the hand set **UNLCDHS**. See Systems Manual via the QR code printed above.



# Technical data

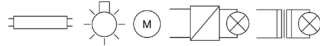
## VITP7-DIN-LCM6-6DD DIN mount controller

Dimensions	See diagram opposite
Weight	0.50kg
Terminal Capacity	1 x 2.5mm <sup>2</sup> (max 3mm <sup>2</sup> ), 2 x 1.5mm <sup>2</sup>
Supply Voltage	230Vac +/- 10%
Frequency	50Hz
Circuit Breaker Rating	10A or less type B
Relay rating	Switched live 6A*
Switched permanent live	3A*
Volt free output (VFC)	1A (24v DC) resistive
Load per channel	6A* fluorescent, LED and incandescent 3A motor equipment Switch SON lighting loads via a contactor *Based on in-rush test of 200A 300µs



Load per LCM

10A



Dimming

Maximum 20 drivers per channel (2mA drivers)

Cable lengths: 100m (0.5mm<sup>2</sup> wire)

SELV

3 isolated circuits

- SELV rated Logic power (sensor bus)
- SELV inputs.
- The non-SELV circuitry of the Dimming outputs

Temperature

-10°C to 35°C

Humidity

5 to 95% non-condensing

Material (casing)

Flame retardant PC/ABS

Classifications

Insulation Class I

Purpose

Automatic control

Construction

Independently mounted control for 35mm DIN rail mounting

Ball pressure test

Insulating material retaining current carrying parts tested at 125°C, all other insulating materials tested at 75°C.

Type of action

Type 1.B action micro disconnection

Overvoltage

Category III

Software class

Class A

Pollution

Degree 2

## VITP7-HW-LCM6-6DD hardwired kit additional items

Electrical rating

Link bars 400v, 125A

Terminal Capacity

Link bars x 2 each providing: 3x16mm<sup>2</sup> screw type and 14x 4mm<sup>2</sup> clamp type

Protection Environment

DIN terminals 4way x 5 each providing: 4 x 6mm<sup>2</sup>

Material (enclosure)

IP65 class II insulation, Impact rated to IK08

Polycarbonate, corrosion tested to DIN EN 61439-1

Durability and against heat to DIN EN 60670-1, DIN EN 61439-1, DIN EN 62208 (960°C glow wire 30s)

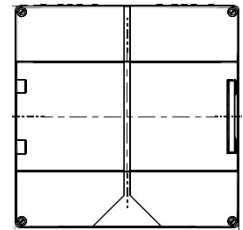
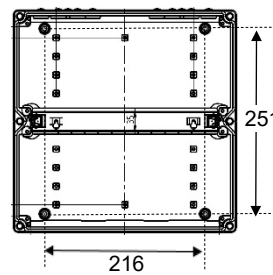
Total weight

2.80kg

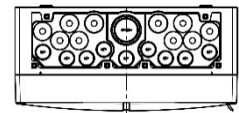
## VITP7-HW-LCM6 Mounting Centres.

Hole size ≤M5

300 (w) x 300 (h) x 140 (d) mm



**Knockouts (mm).** Top & bottom: 9x20, 10x20(25), 1x40, Sides :8x20, 1x25(32)



## General Compliance

EU compliance EMC-2014/30/EU, LVD-2014/35/EU



**Important:** For lighting purposes only with suitable circuit protection. For fixed wiring only.

# Part numbers

<b>LCM</b>	VITP7-HW-LCM6-6DD	Vitesse Plus Hardwired 6 channel LCM DALI / DSI dimming (kit with enclosure and wiring aids)
	VITP7-DIN-LCM6-6DD	Vitesse Plus 6 channel DIN rail LCM DALI / DSI dimming unit only
<b>Accessories</b>	UNLCDHS	Universal LCD programming handset

## IMPORTANT NOTICE!

This device should be installed by a qualified electrician in accordance with the latest edition of the IEE Wiring Regulations and any applicable Building Regulations.



FM 45789

EMS 534520

OHS 642036



CP Electronics - a business unit of  
Legrand Electric Limited  
Brent Crescent, London NW10 7XR UK  
Tel: +44 (0)333 900 0671  
Fax: +44 (0)333 900 0674

A brand of **legrand**

www.cpelectronics.co.uk  
enquiry@cpelectronics.co.uk