Version 2 Programmable Detectors

CP Electronics have developed an enhanced programming technology into their stand alone detector range to improve installation, commissioning and performance.

Overview

Version 2 is compatible with our effective UHS5 handset so you can program settings without the removal of the detector, or needing direct access to it. For greater flexibility, Version 2 is also compatible with the UNLCDHS – a universal LCD programming handset that contains a readback feature for increased understanding of the settings.

These upgraded products still combine dependable electronics with durable construction, allowing our feature-packed presence detectors to cope with multiple applications.

The manufacturing default for the new version DALI/DSI detector is DALI.

Functionality

With a whole host of additional features, Version 2 offers greater functionality and control. This new detector range easily adapts to the increasing demands of energy control and management.

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Version 2 detectors have been developed to be easier to install and commision.

All Version 2 detectors...

- Are infrared programmable – no need to remove detectors

- Are compatible with UHS5 and UNLCDHS handsets for easy programming

- Have the ability to expand functionality and performance

- Allow detector settings to be read back via a UNLCDHS handset

Key features

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> This new detector range easily adapts to the increasing demands of energy control and management.

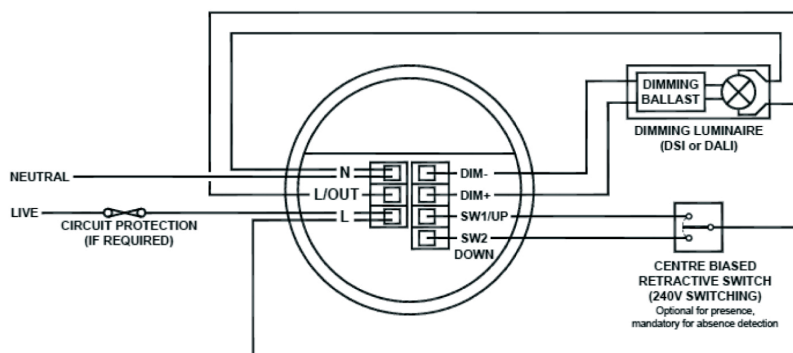|	
Control via infrared handset	Compatible with a remote control infrared handset Removes the need for manual adjustments.
Control via UNLCDHS handset	Universal LCD programming handset with readback feature
Manual Time select	A different time-out period can be set for manual switch activation
DALI Default	Set in DALI default. Can be changed to DSI using IR handset
Power up on Mode	PIR will power up after a power failure with presence and absence detection
PRM – Short press on/Short press off	Option of changing the switch action
Light Level default 600	Preset daylight linking target value
Mains Absence detection	Absence detection is available via a conventional light switch. Please contact CP Electronics for further details
Absence Lux switching	Lights will stay on for the minimum of the lux time set before switching off due to the local lux level
Lux switching with additional time delay	Prevents lights toggling on/off during a cloudy day
Channel 1 on delay	Channel 1 delayed in respect of Channel 2 (HVAC)
Readback feature	UNLCDHS handset has the ability to read back detector parameters
DD - Non Zero Off Level Channel 2	Does not require having to wire the ballast with a 230V permanent feed
Inhibit	Wall mounting bracket for MWS3A series
MWS3A-DBB-WBRKT	This parameter prevents the detector retriggering during switch off

Optional infrared remote handsets allow the user to overide the detector's default settings.

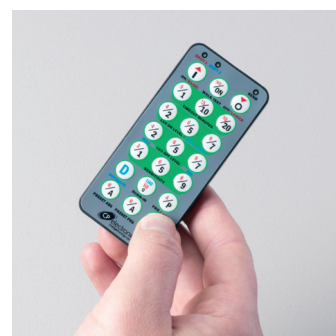Our recently introduced UNLCDHS handset allows advanced Version 2 detector programming.

Wiring Diagram

Typical 'DD' Wiring Diagram (Single Channel Dimming)

UHS5 compact infrared handset used for basic programming.

Please note, this is only one of the wiring applications available.
For further wiring configurations, please contact our Technical Sales Team.

DD (Direct Dim) technology incorporates dimming functionality plus a host of additional advanced features, please contact our Technical Sales Team for information.