

QM10V-4UB

4 Channel 1-10V Dimming/Switch Mode Power Module

Any output of the quad **QM10V-4UB** module can be independently programmed for switched mode or "1-10V dimming". The module is totally self contained with its own integral psu and can be configured for control from a Quantran Systems MBus SBus or DMX. 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 modules.



For personal & equipment safety, ease of installation, commissioning & servicing, the twin **QM10V-4UB** 1-10V dimmer/switch module is enclosed in its own 4 keyhole fixing, metal construction housing.

Ambient temp 40°C. Maximum operating temperature 20°C above ambient.

Relative Humidity 90% non condensing.

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

Switch Mode - Loading per Output

Incandescent 16A

LY Transformer 10A

Flourescent 140 mF

1-10V Dimming- Loading per Output

22 No. 18/36W Ballast

10 No. 54/80W Ballast

The metal construction of the **QM10V-4UB** Dimmer/Switch module has been designed and built for safety, reliability & serviceability with top & bottom keyhole fixings. Ventilation is by natural convection, NO electronic item, including the choke or stack, are fitted directly to the cabinet to use it as a heat sink.

The **QM10V-4UB** can be software configured with QSConfig for MBus QSBUS or DMX control input. Any output can be independently configured for 1-10V dimming or switch mode and any channel number. The Switch On & Off function can be independently set to activate at any point in the up & down fade time.

The **QM10V-4UB** has an inbuilt "Control System Supervisor" which maintains the last level selected on each channel and flashes the status LED when it detects the loss of control data input. The channel number for each output can be configured manually or in software using QSConfig software. After a power loss, on restoration the system will restore each area to the "Last scene selected" prior to the power loss.

THE TOTAL SOLUTION

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