



REF. 616 JUNIOR 8 or REF. 617 SLAVE 8 WEIGHT 55 lb. (25 Kilos)

SPECIFICATION

Each lighting control unit shall be for a single phase and neutral 200/250v AC supply and shall provide eight 1000-watt maximum control channels and be fitted with four 500/1000-watt slider dimmers. A cordless circuit shall enable each channel to be switched full-on, off, or on-dimmer and allow all eight control channels to be dimmer-controlled simultaneously for a continuous fade-in or fade-out.

Each control channel shall have a single flush-mounted three-position switch and a flush-mounted 5 amp 3-pin socket outlet with mating plugtop for the connection of the tungsten lamp load. The switch knobs shall be dark to contrast with the surrounding white bezel. Each pair of numbered control channels shall be associated with a slider dimmer and with a pair of shrouded-contact fuses fitted with standard cartridge fuse-links (BS.1362).

Each dimmer shall have equal resistance windings on the two lightweight composition formers. These windings shall both be graded with five changes of gauge to provide the full range of intensity control between blackout and full-on for tungsten lamp loads of 500 to 1000-watt but also designed to carry up to 2000-watt for a continuous fade-in to full, or fade-out to zero. Full-on and off contacts shall be provided. A copper-carbon brush shall bridge the two windings and the fully insulated operating knob shall be carried on an external square rod which shall mask the operating slot and form the scale graduated from 0 to 10 with half divisions. All dimmer fixings and terminals shall be internal and accessible only by removing the pressed steel covers which shall be secured by Phillips recess-head screws.

The lighting control unit shall be constructed of steel pressings stoved in two-tone, hard hammer grey epoxy resin paint. The angled switch panel, below the dimmers, shall be removable to provide access to the supply connections, and shall be secured by Phillips recess-head screws.

Four fixing holes shall be provided for wall-mounting and rubber feet fitted to permit table-mounting.

Ref. 616 Junior 8 shall be provided with a cable grip and a recessed master blackout switch at the left-hand end; the switch to have spare terminals for inter-connection of two additional slave units.

Ref. 617 Slave 8 shall be supplied with a connector bush, linking terminals for the master blackout switch of a Junior 8, and alternative number of labels.

ACCESSORIES

Ref. 618 Spare 5-amp 3-pin plugtop for additional load circuits.

Ref. 20 Connector box with terminals for 12 load circuits and large cable gland.

INSTALLATION

A separately fused supply is required for each 8-channel 4-dimmer unit. A domestic consumer unit is a convenient method of providing an isolator switch and the necessary sub-circuit fusing for a multiple-unit installation. The isolator switch should be mounted to the left-hand side of the Ref. 616 Junior 8 unit; Ref. 617 Slave 8 units link to the right-hand side of the Junior 8.

The load circuits must terminate at the lighting control in flexible cables which are long enough to allow any load to be plugged into any control channel. If necessary one or more ref. 20 connector boxes can be used to convert permanent, rigid-protected wiring to flexible cables. If there are more load circuits than control channels then extra ref. 618 plugtops will be required.

The ventilation grilles at the top of the dimmers must not be obstructed.