



ROTARY DIMMER CONTROL

Installation and consumer operating instructions for Cat 620M Dimmer Control Module. Cat 620 Dimmer Control Switch.



OPERATION

The 600 Series dimmer provides control of incandescent lamps, from full brightness down to soft candle glow. The low profile knob can be adjusted by finger tip to set the desired level of illumination.

SPECIFICATIONS at 25°C

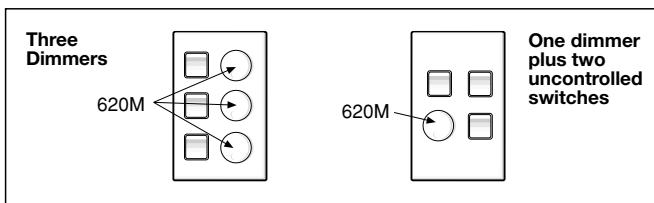
The dimmer control operates on 230 – 240 volts a.c. supplies, controlling incandescent loads up to a maximum of 300 Watts.

WARNING - Not suitable for fluorescent lamp loads. It is also recommended that incandescent lamps are mounted with the lamp cap uppermost.

A maximum of three dimmer modules (620M) can be fitted to a one gang plate. Each module though must be de-rated as follows:

No of dimmers	Max load
2	200W
3	150W

Suitable for low voltage halogen lamps supplied by wire wound transformers to maximum load of 240W.



- Note: a Not suitable for fans with solenoid shutters or centrifugal switched start capacitors.
 b Due to the variations found between different brands of motors some will exhibit hum at controlled speed.
 c When one or more controller is installed on the same plate they must be de-rated as shown in table 2.1 above.

INSTALLATION ONTO PLATE

When installing the dimmer into the aperture of the switch plate, ensure that the text on both the dimmer case and retainer plate 'TOP' and 'FRONT' are facing upwards, before clipping into position (See figure 1).

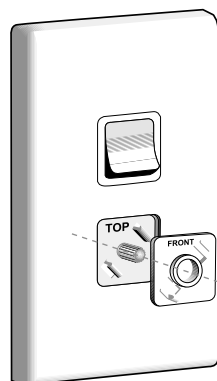


Figure 1

SETTING MINIMUM BRIGHTNESS

It is important to set the minimum brightness before fitting the dimmer knob. We recommend for safety reasons that the minimum brightness is set at a visible level. When the dimmer unit is wired up as per the installation instructions and mounted into the surface plate, switch on the power.

- 1 Turn the splined shaft carefully by hand until the desired minimum brightness is obtained.
- 2 The dimmer knob should then be fitted, ensuring that the dimple is facing downwards and lined up with the vertical (see figure 2).

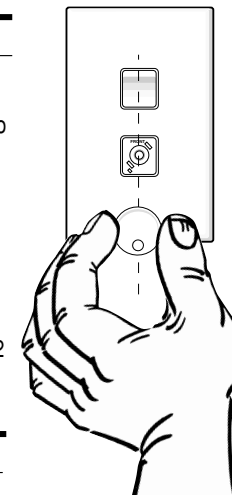
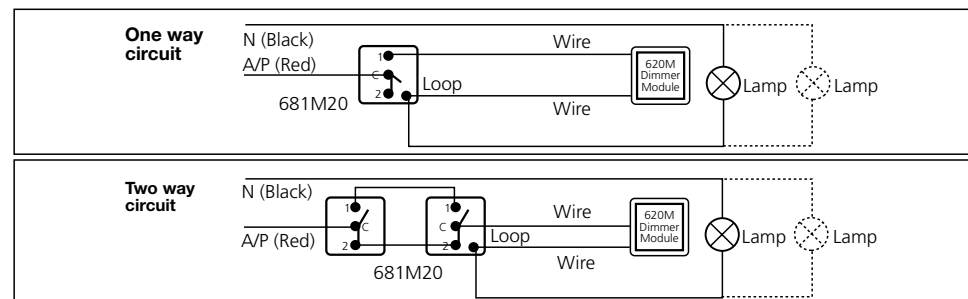


Figure 2

WIRING - INSTALLATION INSTRUCTIONS

For flush mounting use Cat. 144 Wiring Box, for surface mounting use Cat. 89 or 537 Mounting Block. Note: Permanent electrical installations are required to be made by a registered electrician.



WARRANTY

This product is guaranteed for a period of twelve months from the date of purchase against defects in workmanship and materials. Defects will be rectified by replacement of the product purchased except where, at our discretion, minor adjustments can be undertaken.

The guarantee becomes invalid if in our opinion the product has been misused, abused, incorrectly installed, tampered with, connected to a power supply not corresponding with specifications, or subject to power surges. The guarantee does not include any labour or other associated expenses that may be involved in removal or installation of the product. To obtain a replacement under this guarantee, return the goods (prepaid) to the place of purchase or direct to the Australian/NZ Distributor. Proof of purchase must be supplied.

This product does not contain any user serviceable parts. Spare parts and repair facilities are not available. This guarantee is in addition to and does not affect your rights under applicable law except where that law expressly provides otherwise. The consumer Guarantees Act 1993 (NZ) will not apply if this product is purchased for the purpose of business.



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