

Load Correction Device 31CAP



Installation Instructions

Using 2-Wire Products with Special Loads

Small Loads

Every 2-wire product (regardless of manufacturer) has a “minimum load specification” (refer to the Technical Specifications supplied with the product). The product is designed to drive loads greater than that minimum load, otherwise unexpected operation, or even unit failure may result. If you need to drive loads smaller than the specified minimum load, the 31CAP Load Correction Device must be fitted in parallel with that load. A new minimum load specification will apply. Refer to the manufacturer’s instructions (if available) for further details about how small a load can be driven with the 31CAP fitted.

Suitable for use with the following 2-wire products:

- Infracan 750WP, 751, 753
- Timer 31VETR
- Sunset Switch WS226SSR/2,
56SSR/2, 31VSSR/2

2 WIRE DESIGN

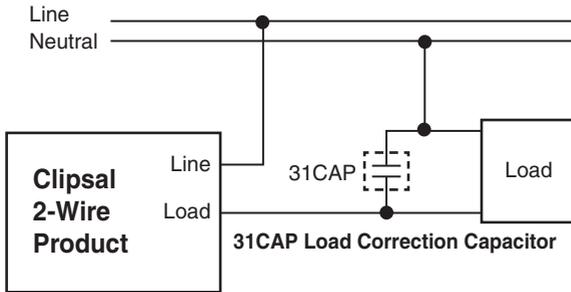
LOADS WHICH ARE SENSITIVE TO LEAKAGE CURRENTS

All 2-wire products draw their power through the load. If a 2-wire product is used in conjunction with a load which cannot provide enough continuous load current in the off-state, or the load is sensitive to a high off-state leakage current (for example, relays, contactors, various loads with built-in electronic control, etc.), a 31CAP Load Correction Device must be connected in parallel with the load.

SMALL (NON-POWER FACTOR CORRECTED) FLUORESCENT LOADS

When a 31CAP is fitted, some small non-power factor corrected fluorescent loads may be controlled using the Clipsal 2-wire product. Success varies from manufacturer to manufacturer. Testing is recommended before installation. Installation must be compliant with local wiring rules.

Wiring Diagram



Suitable for use with the following 2-wire products:

- Infracan 750WP, 751, 753
 - Timer 31VETR
 - Sunset Switch
- WS226SSR/2, 56SSR/2,
31VSSR/2

Please note: 3-wire products do not draw power through the load and so the 31CAP Load Correction Device is not required to be used in conjunction with those 3-wire products.

Warning

Installation must be carried out according to the relevant wiring regulations. Note that the 31CAP leads are not double insulated, hence a suitable enclosure must be used.

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