

Relay Control Unit

8310.00

The 8310 Relay Control Unit (RCU) is an 8 output Lighting Control Unit. It is operated by remote signalling via a bus wire connected to the 8110 Area Control Unit. Relay Control Units may be used with the 8000 series Lighting Control System or with the 4000 series Reset System.

Automatic Operation

The unit will respond to ON and OFF command signals sent from the Area Control Unit (ACU) via the control bus.

Addressing

Each unit can be set to respond to any contiguous group of eight channels as part of the standard 200 addresses available within the 8000 system.

Status Output

An output LED is provided which shows the status of each individual relay output.

Load Capability

The unit can be specified with 10 amp resistive output relays (not for direct switching of fluorescent loads) and 8 amp inductive (120 microfarad) for direct switching of fluorescent lighting loads. 8 amps of inductive fluorescent lighting can be switched on each relay output. Protection is provided against high inrush currents

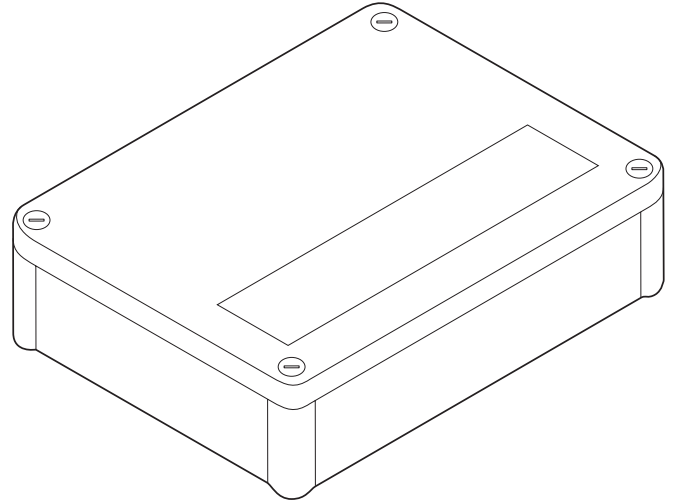
Safety

A neon indicator shows the presence of mains.

Functions and Addresses

The unit is provided with a four position dual in line (DIL) switches to enable user selection of functions and address. This is used to program the relays as latched output relays or as pulsed output relays for use with reset systems.

The addresses of the output relays are selected via a rotary hexadecimal switch..



Energy Conservation Solutions
'our promise, you'll save'

Relay Control Unit

8310.00

Ordering Information

| Catalogue Number | Description |
|--|--------------|
| 8310.00 Unit (NOT suitable for switching fluorescent tubes) | in enclosure |
| 8311.00 Unit (NOT suitable for switching fluorescent tubes) | bare PCB |

Technical Information

| | |
|--------------------|--|
| Housing | Rigid ABS enclosure |
| Overall dimensions | 200mm x 250mm x 65mm |
| Temperature range | 0 - 55 deg. C |
| Weight | 2 Kg |
| Temperature range | 0 - 55 deg C |
| Voltage | 240 Volt 50 Hz |
| Outputs | |
| Number of outputs | 8 |
| Output Status | Normally Open |
| Output Rating | 10 amp resistive or 8 Amp Inductive (specify) |