IP DUAL RELAY

The IP Dual Relay allows patients to control one or two light circuits in their room using any of Austco's handsets with light switching buttons. For maximum flexibility, the Dual Relay can also be used to switch any other connected device (such as blinds, door access, etc) from any other input device, not just light buttons on a Call Pendant.

Connects to the IPnet Router

Provides two individually controlled relays

Easy to install with silent operation

Lower "Whole-of-Life" Costs

The IP Dual Relay is IP-based and features plug-and-play functionality. Dual Relays are typically installed in the patient's room and connected in series using only standard CAT5/6 cable that also provides POIPnet (Power Over IPnet).

Each Dual Relay has a unique MAC address that is used to identify the device on the IPnet Router. Once connected, the device is quickly and easily assigned to an input or lighting control on a patient handset using a web-browser, which simplifies the process and reduces the cost of installation and commissioning.

The system continuously checks the functionality of each Dual Relay and will immediately notify maintenance staff if any problem is detected. Dual Relays are hot-swappable, making maintenance a breeze – simply replace a Dual Relay and then use a web-browser to quickly re-assign functionality to the new device.

Individual Control

There are two 110 / 240 V AC relays that are individually controlled from callpoint or pendant buttons via the router. The relays are designed for inductive or resistive AC loads up to 8 A.

Safe and Reliable

The Dual Relay has been designed and manufactured to meet the stringent electrical isolation requirements of Australian and international Standards. The Dual Relay enclosure includes two cable-clamp glands while the mains connectors are internal to allow safe termination of the lighting cables.

The electronic design allows POIPnet, removing the need for a separate power supply normally associated with a mechanical pulse relay. As a result, the Dual Relay is both reliable and quiet.

- An integral buzzer sounds when the Dual Relay is first connected to an IPnet Router, giving the installer reassurance that the device is auto-detected and active.

- Change over contacts allow each relay contact to be wired in a two-way lighting circuit.

- Class B certification ensures that the Dual Relay meets the new emission requirements for hospitals and aged care facilities.