

DA255

12V DC 1A 4-Way relay module
With high and low sensitivity inputs

This multi-purpose module has four independent SPCO relays on one PCB. Each relay can be switched by either applying a 12V feed to the relay coil or applying a low current (<1mA) positive trigger input. Typical uses include changing the polarity of signals, switching higher currents and voltages. It can also be used as an interface between different systems e.g. Intruder Alarm to Access Control, Fire Alarm to Access Control or isolating communicator trigger inputs.

| Switching contact | | |
|--|--|----------|
| Relay channels | Four | |
| Contact configuration | Single pole change over (<i>per channel</i>) | |
| Voltage | Maximum 24V | |
| Current | Maximum 5A DC resistive load | |
| Connection type | PCB terminal block (2mm ²) | |
| Input | | |
| Voltage | 10.5 to 14V DC | |
| Power consumption | < 80mA | |
| Connection type | PCB terminal block (2mm ²) | |
| High sensitivity trigger | +5V < +30V DC | |
| Environmental | | |
| Operating temperature | -10°C to +40°C | |
| Storage temperature | -20°C to +50°C | |
| Operating relative humidity | Maximum 95% non-condensing | |
| Dimensions* | | |
| | DA255 | DA255U |
| Width | 90mm | 80mm |
| Height | 150mm | 105mm |
| Depth | 25mm | 15mm |
| Weight | < 0.06Kg | < 0.04Kg |
| Enclosure material | Mild steel | N/a |
| Finish | Powder coated RAL9016 (white) | PCB Only |
| Other | | |
| Estimated operations before failure (MTBF) | 10,000,000 Operations | |
| CE Approved | Yes | |
| Lid tamper | Yes | |

*(+/- 2mm)