

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)