Data sheet

DANTECH ELECTRONIC ENGINEERING

DA256

12V DC 1A 8-Way relay module
With high and low sensitivity inputs

This multi-purpose module has eight independent DPCO 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	Eight	
Contact configuration	Double pole change over *(per channel)*	
Voltage	Maximum 30V	
Current	Maximum 1A	
Connection type	PCB terminal block (2mm²)	
Input		
Voltage	10.5 to 14V DC	
Power consumption	< 320mA	
Connection type	PCB terminal block (2mm²)	
High sensitivity trigger	+5V < +30V DC	
Inhibit *(de-energise all relays)*	10.5 to 14V DC	
Environmental		
Operating temperature	-10°C to +40°C	
Storage temperature	-20°C to +50°C	
Operating relative humidity	Maximum 95% non-condensing	
Dimensions*		
	DA256	DA256U
Width	210mm	210mm
Height	260mm	260mm
Depth	50mm	50mm
Weight	< 0.12Kg	< 0.12Kg
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)

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