

DA960

Access control door interlock controller

This is a microcontroller controlled interlock system, ideal for security and standard use applications. During installation, an engineer can configure these to operate 2, 3 or 4 doors at a time in normally locked or normally free operation. Designed with no Ethernet or computer interface it makes these units inherently hacker resistant from cyber attacks and available within mild steel tamper switched enclosures to resist traditional physical attack. Clean relay signalling contacts for door locks, alarm and busy status.

Switching contacts – (Dn-LOCK)		
Contact configuration	Single pole change over (Per door)	
Voltage	Maximum 30V	
Current	Maximum 4A	
Connection type	PCB terminal block (2.5mm ²)	
Switching contacts – (Alarm/Busy)		
Contact configuration	Single pole change over (Per door)	
Voltage	Maximum 30V	
Current	Maximum 1A	
Connection type	PCB terminal block (2.5mm ²)	
Releases – (Request to exit input contacts)		
Voltage	+12VDC	
Connection type	PCB terminal block (2.5mm ²)	
Input power		
Voltage	10.5 to 14V DC	
Power consumption	< 200mA	
Connection type	PCB terminal block (2.5mm ²)	
Door closed contacts input		
Voltage	+12VDC	
Connection type	PCB terminal block (2.5mm ²)	
AUX Door output		
Voltage	5V DC	
Current	Maximum 50mA	
Connection type	PCB terminal block (2.5mm ²)	
Environmental		
Operating temperature	-10°C to +40°C	
Storage temperature	-20°C to +50°C	
Operating relative humidity	Maximum 95% non-condensing	
Dimensions*		
	DA960-XSM	DA960-PCB
Width	405mm	124mm
Height	400mm	25mm (Excluding mounting pillars)
Depth	120mm	153mm
Weight	< 7.5Kg	<0.2Kg
Enclosure material	Mild steel	N/a

The enclosed information is believed to be correct. Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E&OE. Registered Proprietor: Benham (General Engineers) Ltd (No. 1181752) Registered at 3 Galliford Road Industrial Estate, Heybridge, Maldon, Essex CM9 4XD, UK. Directors: R.A.Scott, K.E.Horwood, T.J.Scott, N.J.Scott, C.J.Dryburgh. VAT Reg. GB 28276273 Tel:+44(0)1621 856 850 Fax:+44(0)1621 856 162 sales@dantech.uk.com

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Finish	Powder-coated RAL9016 (white)	N/a
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Other

Estimated operations before failure (MTBF)	50,000 hours
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CE Approved	Yes
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Lid tamper	Yes
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Note:

Indicators: It is recommended that door lock indicators are fitted to show the door status, such as the [DA340-3](#)

Violate: If the doors are set to normally unlocked, it is possible to open doors together if perfectly synchronised. Careful positioning of the reed and magnetic locks can reduce, but not eliminate, the possibility.

*(+/- 2mm)