

DA550

Two door (normally locked) interlock controller
 Within a mild steel enclosure

This controller monitors two door states and upon request can release one of either doors only. The DA550-T will release one of either doors only after a selectable time delay of 4-5 or 8-10 seconds, ensuring both doors are never opened simultaneously excluding emergency release or door forced. Typical uses include air-lock or secure zone door control.

Switching contacts – (Door release)	
Interlocked doors	Two
Delay timer	DA550
	DA550-T
	None
	Selectable 4-5 or 8-10 seconds
Contact configuration	Single pole change over (Per door)
Voltage	Maximum 30V
Current	Maximum 1A
Connection type	PCB terminal block (2.5mm ²)
Input	
Voltage	10.5 to 14V DC
Power consumption	< 50mA
Connection type	PCB terminal block (2.5mm ²)
Door monitor contacts (Door status switch contacts)	Requires; 2 x normally open switch contacts (door is assumed to be closed when closed circuit, and door open on open circuit)
Request to exit contacts	Requires; 2 x normally open switch or +12V DC feed (Request to open door is made on closed circuit or +12V DC feed)
Environmental	
Operating temperature	-10°C to +40°C
Storage temperature	-20°C to +50°C
Operating relative humidity	Maximum 95% non-condensing
Dimensions*	
Width	155mm
Height	207mm
Depth	55mm
Weight	< 1.05Kg
Enclosure material	Mild steel
Finish	Powder coated RAL9016 (white)
Other	
Estimated operations before failure (MTBF)	50,000 hours
CE Approved	Yes
Lid tamper	Yes

*(+/- 2mm)