

DA560

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

A microprocessor controlled three door interlock. The unit can be supplied with optional sets of changeover contacts for timer alarm or violate outputs. The timer alarm contacts change over if a door, having been opened, is not closed within a pre-determined time. The time is user selectable. The violate contacts change over if more than one door is open at a time (e.g. if a closed door is forced).

Switching contacts – (Door release)

Interlocked doors	Three
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	< 100mA
Connection type	PCB terminal block (2.5mm ²)
Door monitor contacts (Door status switch contacts)	Requires; 3 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; 3 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	205mm
Height	255mm
Depth	50mm
Weight	< 2.2Kg
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)