



DIN08 – Full Specification

Supply voltage:	230V ac 50Hz 5mA max. or 24V ac/dc 50mA max.
Inputs x 8:	5V dc 2mA to volt free contacts
Fusing:	PCB mounted thermal re-settable
Communications driver protection:	3kV ESD protected Short circuit proof Thermal shutdown
Enclosure dimensions:	180x110x60mm
Material:	Polystyrene
Flammability rating:	Self extinguishing to UL94
Colour:	Light grey with smoked transparent lid
IP rating:	55
Environment:	0-70° C ambient 80% RH non condensing
Cable entry:	9 x cable glands fitted

Principles of operation

1. Fire alarm interface (DIN08F)

In this mode of operation the DIN08 monitors a closed connection on its inputs and broadcasts a 'no fire' message relating to that input (zone). If the contact is opened the unit immediately broadcasts the 'fire' message for that zone.

2. Override inputs

In this mode the unit again monitors the input status and broadcasts override active or inactive messages. Overrides may be always active or only active during a fire condition.

3. Fire Damper monitoring (DIN04M)

In this mode of operation the DIN 08 is used to monitor the open and closed limit switches on up to four fire dampers. Messages are continuously broadcast to the panel for display.