



NGA-703

Addressable Triple Input/ Output Module

NGA-703 is a fully monitored device which permits the interfacing of third party equipment with the Fire Alarm Control panel using three normally open dry contact connections while also providing three changeover output relays to control ancillary equipment. The connections to the input are monitored for fault (open or short circuit) and Alarm conditions.

The output relays require an external 24 V DC supply. Relay operation is confirmed by onboard Red LEDs, a Yellow general Fault LED is also provided. NGA-703 occupies three consecutive addresses on the detection Loop.

The interface is used to monitor the contacts of an external system which must be interfaced to the Fire Alarm System, for example a Flow Switch in a sprinkler system to indicate if the sprinklers have been activated or extinguishant level monitoring in Gas Extinguishing systems etc.

The output relays can be programmed to close fire doors, activate smoke removal systems etc. An external 24V DC power supply is required to power the relays, this supply is optically isolated from the Address Loop. NGA-703 module is available as an electronic module with four fixing holes.

Specifications

SUPPLY VOLTAGE	Loop Powered - 17 V to 30 V DC
LOOP CURRENT	1.2 mA (Quiescent) - 6.2 mA all I/P's in ALARM
EXT. SUPPLY CURRENT @ 24 V DC	5.3 mA Quiescent - 15 mA per Relay Active
MAX. CABLE SIZE	2.5 mm ²
MAX. HUMIDITY	95% RH Non-Condensing
OPERATING TEMPERATURE	0°C to 50°C
DIMENSIONS	87.8 (L) x 72.7 (W) x 20 (H) mm
WEIGHT	205 g - boxed