

### NGA-703

Addressable Triple Output Module



### OVERVIEW

The NGA-703 modules are fully monitored loop powered devices which permits the interfacing of third party equipment with the Fire Alarm Control panel using normally open dry contact connections. Each module can be fitted with a maximum of 3 input and 3 outputs.



The connection to each NGA-700 is monitored for fault (open or short-circuit) and Alarm conditions. 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 System, etc.

Module is provided with a loop short-circuit isolator and with up to 3 voltage free single pole change over relay outputs. The output relays are always powered directly from the detection loop. It is not required to use an external 24VDC power supply. Relay operation is confirmed by an onboard red LED.

An 8 way DIL switch is provided to configure the module's address. This value can be set in the range 1 to 125.

The following programmable functions are available: Input Activation Mode, Delayed Input Alarm Activation Output Delayed Activation

### SPECIFICATION

Specifications	
SUPPLY VOLTAGE	Loop Powered - 17V to 30V DC
LOOP CURRENT - QUIESCENT (IQ)	1.4 mA (1ch.) - 1.5 mA (2 ch.) - 1.6 mA (3 ch.)
LOOP CURRENT - ALARM	IQ+ 1.2 mA for each I/P in alarm
LOOP CURRENT - SHORT-CIRCUIT	IQ+ 1.4 mA max.
LOOP CURRENT - OPEN CIRCUIT	IQ+ 1.0 mA max.
LOOP CURRENT - OUTPUT	IQ+ 1.1 mA for each O/P activated
OUTPUT RELAY CONTACT RATING	2 A 30V DC / 0.5 A 125V AC
MAX. CABLE SIZE	2.5 mm <sup>2</sup>
CASE MATERIAL	ABS
MAX. HUMIDITY	95% RH Non-Condensing
OPERATING TEMPERATURE	-10°C to 50°C
DIMENSIONS	150 (W) x 90 (L) x 32 (H) mm
WEIGHT	216 g inc. packaging
Order Code	
NGA-703 1CH	W/ ISOLATOR - W/ DUAL GANG BOX
NGA-703 2CH	W/ ISOLATOR - W/ DUAL GANG BOX
NGA-703 3CH	W/ ISOLATOR - W/ DUAL GANG BO