Multiple Channel Input Output Modules

Features

- Compliant with BS EN54-17 and BS EN54-18
- Supervised input/output channels
- In-built isolator for protection against short circuits.
- Automatic & Manual addressing features
- Tri-color LED indicators
- Weatherproof enclosure with IP65 protection rating
- Up to 240** devices/addresses per loop
- 8 Addresses Per device
- Individually controlled 8 Inputs or Outputs

Power of OCTA in One

Multiple channel Input Output (I/O) modules are addressable control and monitoring devices used to supervise and activate auxiliary devices such as sounders, strobes, shutters, and water flow switches.

Modules with multiple inputs and outputs are suitable replacements for several single-input/output modules installed for applications such as control of elevators, sprinkler systems, doors, and fire fighting systems.

Each channel (input or output) on the 40000 module can be controlled by the Velox 4000 or Velox 2000 series of fire alarm control panels.

The input channels can be supervised for Normal, Alarm, and Fault conditions by using end-of-line resistors.

The supervised output channels can be used to either monitor an external load via an end-of-line resistor or supervise an external power supply for the output. The relay (Form C) outputs are non-supervised outputs for the control of auxiliary devices, and they can be controlled by the fire alarm control panel.

Easy Connectivity

The devices are powered from the same fire detection loop which connects the fire alarm control panel, detectors, sounders, beacons, manual call points, etc. Therefore, additional power supply sources are not required.

The handheld 40700 programming unit is used to manually assign addresses to devices on a fire detection loop on the VELOX 2000. With VELOX 4000 panels' addresses can be provided automatically with auto address features

Space & Cost

Velox Multi channel I/O Modules incorporates combination of Inputs, Outputs & Supervised Outputs in a single box saving Installation/mounting space & cost of cabling against Single Input or Output Modules.

For e.g. if a project requires 4IN & 4OUT at one location, using 4 Single Input Modules & 4 Single Output Modules will be expensive & space consuming, instead using single Velox 40404 will give same functionality with lesser space.

Five Years Warranty

The Velox clients enjoy 5 years warrantee on all Velox devices including Programming unit. Stringent Quality norms during manufacturing right from sourcing to burning of the product makes Velox devices reliable & long life.

VELOX by ATEÏS

Commissioning is never easier

Velox strives to make it easy to the installer, no dip or rotary switches nor barcode scanners or other difficult methods of addressing are needed are required to address Multi Channel Modules, simply use Auto learn feature from panel & Multi-channel modules gets addressed.

The multi channel module consume 8 separate addresses, allowing each channel to be controlled individually.

Technical Specifications

Item	Alternate Description	40404	40422	40602
Supervised Input	Monitor module	4	4	6
Supervised Output	Control module	-	2	-
Relay (Form C) Output	Sounder Module	4	2	2
Addresses on Loop		8	8	8
Loop Voltage Range *		18V to 40V		
Standby current consumption		500uA @ 24V		
Operating temperature range		-30°C to 55°C		
Dimensions		210 x 170 x 65 mm		
Relative Humidity		95% non-condensing (maximum)		
Maximum Wire Guage		2.5 sq.mm.		

* Product operates down to 15 V, but without LED indication.

Order Codes

Part No.	Description
40404	4 input channels, 4 relay (Form C) output channels Multi Module
40422	4 input channels, 2 supervised output channels, 2 relay Output channels (Form C) Module
40602	6 input channels, 2 relay (Form C) output channels