

## 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
- > Product promoted and available only out of Europe

## 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 FDVMC4XX module can be controlled by the Teledata fire panel. 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 FDP500 programming unit is used to manually assign addresses to devices on a fire detection loop on the TELEDATA Panel. With Teledata panels' addresses can be provided automatically with auto address features



## Space & Cost

Teledata 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 modules FDMC404 will give same functionality with lesser space.

## Commissioning is never easier

Teledata 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	FDMC404	FDMM422S	FDMC602
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 Gauge		2.5 sq.mm.		

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

### Order Codes

Part No	Description
FDMC404	4 input channels, 4 relay (Form C) output channels Multi Module
FDMM422S	4 input channels, 2 supervised output channels, 2 relay Output channels (Form C) Module
FDMC602	6 input channels, 2 relay (Form C) output channels