

## DATASHEET

# VEGA MULTIWAY I/O UNIT 4 X INPUT, 2 X RELAY OUTPUT, 2 X SUPERVISED OUTPUT

HFI-IO-422-01

The HFI-IO-422-01 multi-module device is composed of 4 input channels, and 2 relay output and 2 supervised output channels. Microprocessor controlled interface devices permitting the monitoring and control of auxiliary devices. These are loop powered devices that operate according to the Hyfire analogue-intelligent protocol and are characterised by low current consumption; their particular design allows for an easy and fast installation.

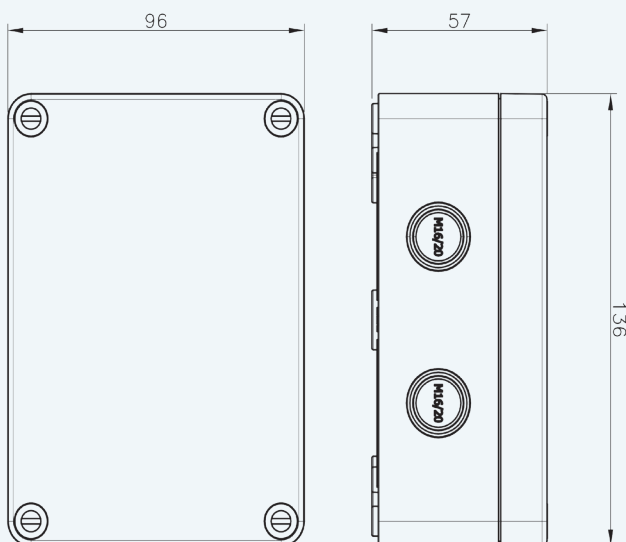
A channel is a multi-module's sub-device through which monitoring and control of analogue-loop-extraneous auxiliary devices is exerted by the analogue control panel. Multi-modules are, by a matter of fact, multi-channel devices.



### KEY FEATURES

- Short circuit isolator built in
- 5 year product warranty
- Soft and auto addressing options
- Cable entry via knockouts on each side of the box
- Ideal for applications which require multiple inputs in the same location
- Ideal for applications that require either monitored or relay outputs

### TECHNICAL INFORMATION



### TECHNICAL SPECIFICATION

|   |                      |
|---|----------------------|
| Device Operating Voltage  | 18Vdc – 40Vdc        |
| Standby current   | 500uA@24Vdc          |
| Supervised input and supervised output "end of line" resistor recommend value (REOL)      | 27 K $\Omega$        |
| Supervised input auxiliary device's series resistor to the switch recommended value (RSW) | 10 K $\Omega$        |
| Dimensions  | 210mm x 170mm x 65mm |
| Unit weight   | 470g                 |
| Operating Temperature (no icing)  | -10°C to +55°C       |
| Max humidity (non condensing)   | 95% RH               |
| IP Rating   | 65                   |

### STANDARDS & APPROVALS

BS EN 54-17:  
Short Circuit Isolators  
BS EN 54-18:  
Input/Output Devices



0051-CPD-0334