

**GENT**  
by Honeywell

## 9.2: ANCILLARIES

# Input/Output Interface

The VA-1381 is an input and output control port (I/O) expander for the Voice Alarm Router (VAR) series of routers. The VAR Routers are able to support the connection of up to 9 remote va-1381 units, connected by a multi-drop RS485 serial interface.

- 12 analogue inputs
- 12 digital (opto-isolated) inputs
- 12 digital (open collector) outputs

These input and output control ports may be used for functions such as: Program Selection, Volume Control, Fault Input, Routing Control, Routing Reset Input, External Fault Input, and Busy Output.

The VA-1381 is housed in a DIN-rail mountable enclosure suitable for use either within a central equipment rack or remotely, at distances of up to 1km from the VAR Router.



**PAVA Input/Output Interface**

TECHNICAL SPECIFICATION	
Supply voltage range	18 – 40V DC
Current consumption	70mA @ 24 V DC supply
Open collector maximum rated current	350mA
Open collector maximum voltage	60V
Analogue input voltage range	0 – 5V (nominal) 24V max without physical damage
Digital input voltage range	12 – 48V
Dimensions (W x D x H mm)	156 x 58 x 105
Weight	300g
Operating and storage temperature	–5°C to +50°C
Humidity range	0% to 93% Non-condensing

### ORDER CODES

Input / Output Interface

VA-1381