

Digital Input Module – 12 inputs

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- Input voltage range – 5v to 24v
- Connects Directly to ScanAlert Bus
- Inputs can be used for reed switches, low level interfaces to FIP, Fridge alarms, Older style nurse call systems.
- L.E.D indicator for active inputs
- Din Rail mount
- Internal Dip switched to set device ID's. No special programming tools required.

The DIM12 is a twelve way Digital Input Module designed to interface a variety of voltage level changes and assign these to a specific Call Point ID allowing a smooth interface to the Alert Call ScanAlert Digital Bus.

The unit is mounted in a convenient DIN Rail enclosure, each unit having visual LED indication of the input connection. If the voltage applied is an active high, the LEDs will be green in colour. If the voltage applied is an active low, the LED indication will be red.

It is important to note that the input level type is jumper assignable to the entire group of twelve inputs only.

Technical Notes:

The unit will handle a range of input voltages from 5v to 24v for operation. JP1 located internally assigns active low or active high. For Active low operation, Set jumper JP1 to “LO”, as this will set all inputs to a nominal 5v, and a pull to ground will cause that particular input to be placed on the bus. When the grounded input is removed, the call will be removed from the digital bus.

Also included in the assembly, is input de-bounce and an LED to indicate when a reply is active. This is derived from the internal microprocessor and is a good indication to show the ScanAlert bus is connected and active. The interface to the reply bus is opto coupled giving greater isolation from static conditions.