

### RS485 16-ZONE INPUT CONTROLLER

Accepts 16 alarm zones or 8 alarm zones with faults

Diagnostic LEDs for maintenance

Alarm accept output

Fault signal monitoring mode

Compatible with Folknoll RS485 networking systems

Compatible with Folknoll SNI IP networking

Can be networked into alarm systems with up to 256 zones

## EMERGENCY ASSISTANCE ALARMS

Folknoll emergency assistance alarm systems offer cost-effective, vandal resistant, **BS 8300** and **DOCUMENT M** compliant solutions built from standard and bespoke units. Our alarms can be combined with disabled refuge EVC, fire telephone and other systems. Ideal for **SHOPS, OFFICES, HOTELS AND OTHER PUBLIC SPACES**.

## FOLKNOLL INPUT OUTPUT CONTROLLERS

Our IO controllers transfer alarm states and other information across a RS485 network. Enabling remote monitoring, reporting, acknowledge of alarm activation and fault. All our IO controllers are Folknoll SNI IP network remote monitoring. Offering sitewide emergency assistance systems with centralised alarm monitoring and fault reporting on LCD panels and GUI PCs. Please contact Folknoll for more details.

## DT7550.98 CONTROLLER INPUT 16-ZONE

16 zone alarm input controller, with optional zone fault monitoring.

## TRANSFERS ALARM STATES AND FAULTS ACROSS RS485 NETWORK

These units can be paired with 16-zone output controllers or LCD Indicator panels to transfer zone alarm and fault states across an RS485 network. Controllers can be “multi-dropped” on a Folknoll RS485 network to form systems with up to 256 alarms.

## TWO OPERATING MODES

The controller can be configured to operate on one of two modes.

### STANDARD MODE

Monitors 16 zone inputs and transfers 16 standard alarm zone states across a network.

### FAULT MONITORING MODE

Combines 8 zone alarm states with 8 zone fault states and transfers 8 zone alarm/fault states across a network.

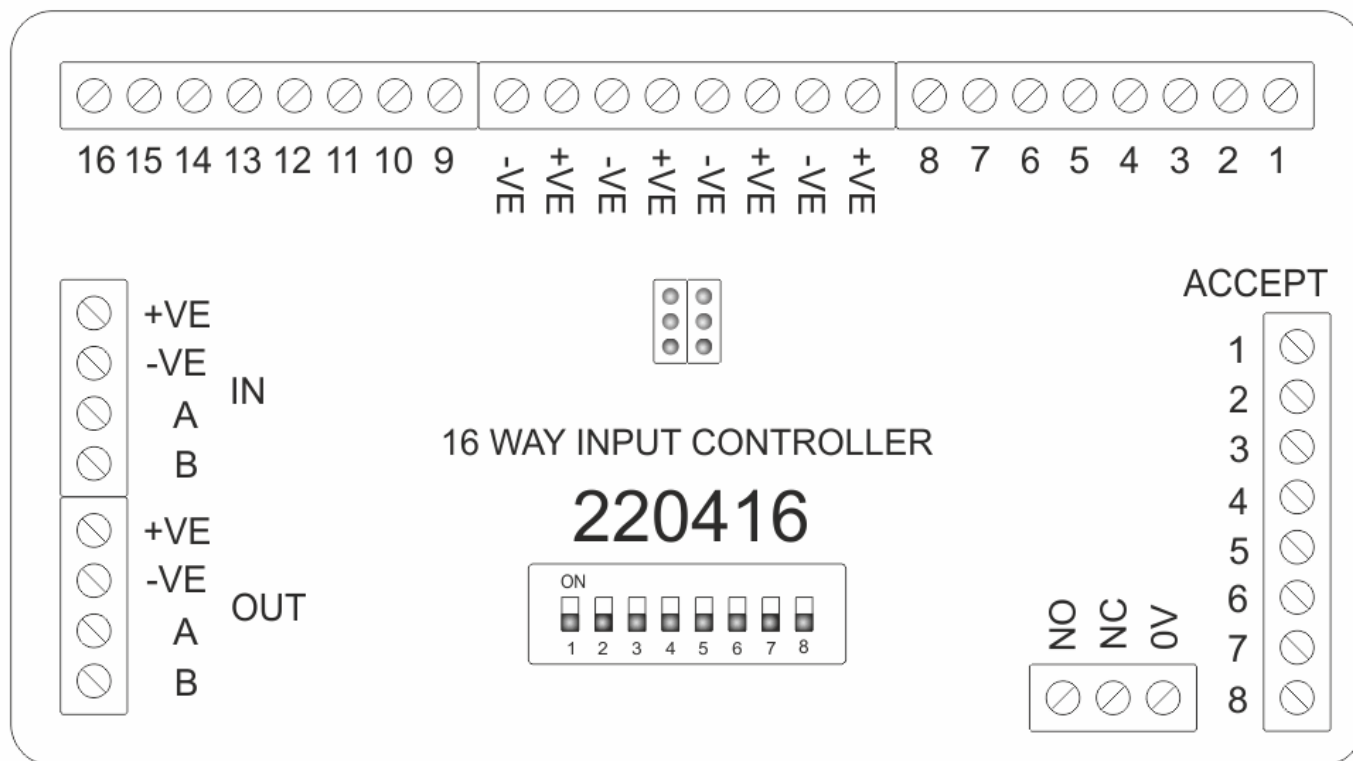
## ALARM, FAULT AND SYSTEM STATE INDICATORS

To aid installation, commissioning and maintenance the controller has status LEDs indicating device heartbeat, RS485 comms. zone alarms, zone faults, etc.

**SPECIFICATIONS**

Inputs: 16 zones with common  
 Output: Alarm acknowledge  
 RS485 bus 2 x Folknoll RS485 bus connections (System power+ RS485)  
 Dimensions: Width: 144mm, height: 108mm (approx.)  
 Power: 12Vdc -24Vdc (Usually supplied from battery backed system PSU via RS485 bus)

**CONNECTIONS**



**ABOUT FOLKNOLL**

We are a UK based systems design, manufacturing and installation company. Since 1975 we have been supplying tough, reliable, practical, alarm and control systems for the private and public sectors. All of our products and systems have been designed for easy installation and low maintenance by experienced engineers. As original manufacturers, all of our products and systems can be customised to suit your requirements. We also offer individual engraving, special finishes and antimicrobial coatings for all of our equipment.

**GET IN TOUCH**

Please contact us for further information about our wide range of products and services and find out how we can provide a solution for you.