

RS485 16-ZONE OUTPUT CONTROLLER

Can mimic RS485 alarms from 16-zone input controller

Can mimic alarms from 3 x 5-zone strip alarm controller

Consolidated alarm and fault management function

Output for auxiliary beacon / sounder

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.

DT7550.99 CONTROLLER OUTPUT 16-ZONE

16 zone alarm state output controller, with optional alarm and fault consolidation into a single local beacon/sounder and acknowledge button. Available fault reporting depends on input board configuration, please contact Folknoll for more details.

TRANSFERS ALARM STATES AND FAULTS ACROSS RS485 NETWORK

This unit can be paired with our 16-zone input controller or 3-off 5-zone alarm strip controllers. The controller reports the state of “paired” alarm zones enabling the transfer of alarm and alarm strip states across an RS485 network. Controllers can be “multi-dropped” on a Folknoll RS485 network to form systems with up to 256 alarms.

CONSOLIDATED ALARM AND FAULT MANAGEMENT FUNCTION

In addition to reporting the state of paired alarm zones the controller can consolidate paired alarms into a local alarm with acknowledge.

CONSOLIDATED LOCAL BEACON SOUNDER

If any of the paired alarm is activated local sounder alarm output is activated alerting local operators. The alarm source is indicated by continuous “flashing” of the outputs representing activated zones.

CONSOLIDATED ACKNOWLEDGE FUNCTION

If the local acknowledge button is pressed all activated paired alarms are acknowledged and the local sounder muted. Acknowledge alarm zones are indicated by continuous “activation” of the outputs representing acknowledged zones.

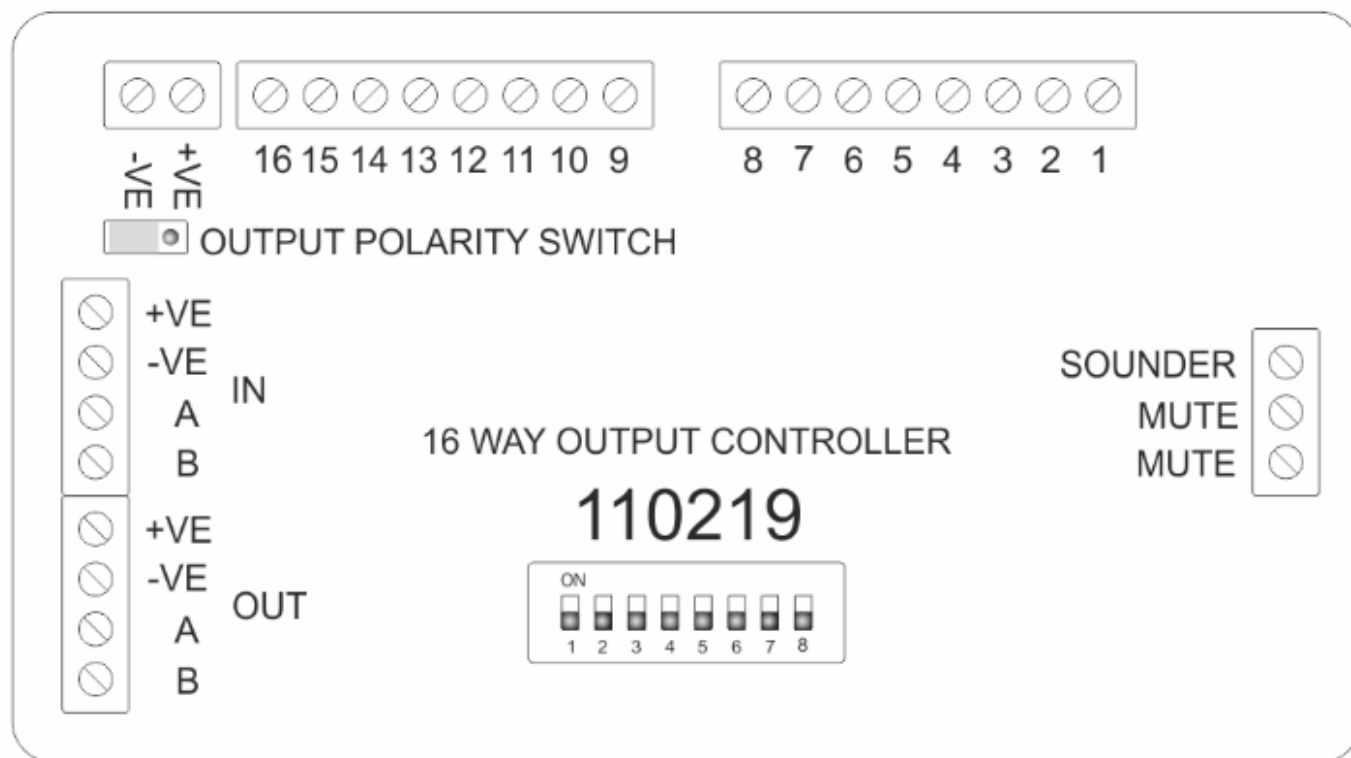
ALARM, FAULT AND SYSTEM STATE INDICATORS

To aid installation, commissioning and maintenance the controller has status LEDs indicating device heartbeat, RS485 comms. paired device on line, zone alarms, zone faults, local sounder state, etc.

SPECIFICATIONS

- Outputs: 16 zones with common
Local beacon/sounder
- Inputs: Alarm acknowledge (mute)
- 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.