

# Smart Connect Multi-loop Repeater (SMART/REP)



## Description

The Smart Multi-loop Repeater can be used to monitor, operate and program Smart Multi-loop control panels (FACPs) from anywhere within the networked system.

The repeater features a 4.3" colour touch screen display that provides easy-to understand system messages. The repeater is ergonomically designed with an LED, button and menu setup that perfectly replicates a Smart Multi-loop control panel. This will make the repeater feel familiar to use for those who are trained/experienced in using the Smart M ulti-loop system.

It can operate as part of a networked system of up to 64 panels' peer-to-peer, with powerful programming options that allow configurable control over whether messages from specific panels are transmitted around the network or remain local.

The Smart Multi-loop Repeater is supplied with a black finish to match virtually any décor. The repeater enclosure can be surface or flush mounted.



## Features

- ✓ 4.3" colour touch screen display.
- ✓ 8032 Event Log.
- ✓ Up to 64 panel peer-to-peer network.
- ✓ 13 status LED indicators.
- ✓ 5 function button controls.
- ✓ Fully functioning repeater provides the ability to program a networked Smart Multi-loop control panel from the front screen.
- ✓ Accommodates wiring lengths up to 1000 metres from the control panel for added design and install flexibility.
- ✓ Network can be wired in either a bus or a ring topology if a redundant path is required.
- ✓ 8 password protected access accounts available (1 admin level, 7 user level).
- ✓ Uncluttered and intuitive interface allows alarms, tech alarms, and fault events to be easily viewed.
- ✓ Low power consumption.
- ✓ Small enclosure.

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## Technical Specification

### Electrical

Operational Voltage	28VDC
Quiescent Current	78mA
Maximum Current	100mA

### Network

Communication Protocol	RS485
Maximum Network Size	64 Nodes
Maximum Distance Between Nodes	1KM (using a screened data cable) 100m (using a standard fireproof cable)
Network Wiring Typologies	Bus Ring (recommended)

### Display

LC Screen	4.3" Resistive touch screen. 480 x 272 pixel resolution
LED Indicators	2 Red (1 x Fire, 1 x Sounder Active), 1 Green (Power), 10 Yellow (1 x Relay Delay, 1 x Fault, 1 x Sounder Delay, 1 x Controls Active, 1 x General Disablement, 1 x General Test, 1 x Sounder Fault/Disablement, 1 x Sounder Delay 1 x System Fault, 1 x More Data).
Function Button Controls	Stop Sounders, Silence Buzzer, Scroll Display, Reset, Start Sounders

### Enclosure

Dimensions H x W x D (mm)	230mm x 340mm x 96mm
Weight	2.3KG
Cable Entries	5
Terminal Wiring Size	28-12 AWG
Material	Zintec
Colour	RAL9005

### Environmental

Operating Temperature	-5°C (23°F) to 40°C (104°F)
Relative Humidity	93% Non-condensing

## Product Codes

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