



EXTINGUISHING PANELS – COMBINATION PANELS

RHINO103 EXTINGUISHING REPEATER RANGE



**RHINO103
STANDARD & WEATHERPROOF
EXTINGUISHING REPEATER PANELS**

DESCRIPTION

The RHINO103 Conventional Extinguishing Repeater Panel displays information from a RHINO103 extinguishing panel situated at a remote location.

The repeater panel also offers control functionality in the form of a Silence Buzzer, Auto Manual switching and Manual activation/release of the extinguishing agent.

The enclosure options for the repeater panels are either an attractive, modern ABS enclosure or an IP65 weatherproof metal enclosure, both of which have been designed for ease of installation.

The RHINO repeater panel will mimic all the master control panel's alarm indications. Up to seven repeater panels can be connected to a single RHINO extinguishing panel. The RS485 communication protocol allows cable runs of up to 1,200 metres on the local bus in a ring topology.

FEATURES

- Up to seven repeaters on the RS485 local closed bus with 1,200 metres of cable
- 24VDC to 28VDC Operating Voltage
- Events are logged on the RHINO103 Extinguishing Panel's 1,000 event log
- Pluggable termination connectors with In and Out configuration for easy wiring and installation
- Extinguishing MCP for manual release
- Auto/Manual mode key switch
- SOLAR programming software
- 3-year warranty
- Weatherproof version available





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SPECIFICATIONS

Enclosure

ABS Enclosure

Two-tone (White lid with Anthracite Grey RAL 7016 base)

Weatherproof Enclosure

Mild Steel IP65, Matt Light Grey (ANP 37035)

Dimensions H × W × D (mm)

ABS Enclosure

270 × 330 × 125mm

Weatherproof Enclosure

450 × 390 × 143mm

Environmental

-5°C to 40°C

Humidity

95% RH, Non-condensing

Weight

ABS Enclosure

± 1.6 kg (excl. Batteries)

Weatherproof Enclosure

± 6.9 kg (excl. Batteries)

Cable Entries

ABS Enclosure

Top: 6 × 20mm, 5 × 25mm

Back: 4 × 20mm, 2 × 25mm

Weatherproof Enclosure

Bottom: 5 × 20mm, 2 × 25mm

LED Indicators

3 × Fire

10 × Fault (2 hidden behind lid)

14 × Control & Information indications (1 hidden behind lid)

Key Switch

Extinguishing Control

Auto & Manual / Manual Only

PCB Quiescent Load

28 mA @ 27.5 V DC

PCB DC In

24 – 28 V DC

PCB Alarm Load

38 mA @ 27.5 V DC

Number of Repeated Fire Zones

3 Zones

L-Bus Topology and Distance

RS485 ring network @ 1,200 metre max

L-Bus Cable

PH120, Twisted pair screened cable with an impedance of 120 ohm

Number of Repeaters on L-Bus

7 (Seven)

ORDERING INFORMATION

Product Code

RHINO103-R
RHINO103-RW

Product Description

Active Repeater Panel for RHINO103, ABS
Active Repeater Panel for RHINO103, Weatherproof

RHINO103
RHINO103-W
RHINO103-WDIN

3 Zone Fire/Extinguishing Control Panel, ABS
3 Zone Fire/Extinguishing Control Panel, Weatherproof
3 Zone Fire/Extinguishing Control Panel, Weatherproof, DIN

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