FIRE CONTROL PANELS – CONVENTIONAL
ORYX200 STANDARD RANGE

**ORYX200
FIRE CONTROL PANELS**

DESCRIPTION

The Technoswitch ORYX Conventional Fire Control Panel range is ideal for small and medium commercial/industrial applications requiring a reliable and robust fire detection solution.

The standard 2 and 4 zone panels are housed in an attractive, modern ABS enclosure and the 8 zone panel in a powder-coated metal enclosure. Both enclosure versions are durable and have been designed for ease of installation.

A weatherproof enclosure, with or without DIN rail wiring strip, is available as an option for industrial/outdoor applications (see ORYX Weatherproof range datasheet for full details).

The ORYX Repeater Panels are housed in either an ABS or weatherproof enclosure and mimic all the master fire panel alarm indications. Up to seven repeater panels can be wired in series onto the communication bus. The repeater panels are available with or without a built-in power supply.

The integral switch mode power supply has a wide AC voltage input range of 100 VAC to 240 VAC, making it ideal for scenarios with widely fluctuating mains supply. The battery charging capabilities of the power supply allow for the connection of 7 Ah batteries.

Either 2, 4, or 8 fire zones are provided, each able to support up to 32 devices. The panels offer General Fire and Fault Relays, either 2, 4 or 8 programmable relays, two programmable monitored sounder circuits, and two programmable monitored inputs.

The SOLAR software application is used to customize the panel's programmable features, providing unsurpassed flexibility not generally associated with conventional panels.

Comprehensive test and fault-finding features simplify maintenance – these include a one-man walk-test, a first-in-first-out 1,000 event log, and onboard status LEDs for pin-point fault identification.

FEATURES

- 2, 4 and 8 Zone versions
- 100 – 240 V AC Switch mode PSU
- USB Port for event log download
- 1,000 Event log
- 2, 4, or 8 Programmable relays
- 2 Programmable monitored inputs
- SOLAR Programming software
- 2 Monitored sounder circuits
- IS Zone compatible
- Walk-test
- Service/Commissioning switch
- Key switch for user-level access control
- Fully compliant with EN 54-2 and EN 54-4
- 3-Year warranty
- Repeater panel range available
- Weatherproof panel and repeater versions in a mild steel IP65 enclosure available

TECHNOSWITCH
FIRE DETECTION & SUPPRESSION

SPECIFICATIONS

Enclosure	
2 & 4 Zone	ABS: Two-tone (White lid with Anthracite Grey RAL 7016 base)
8 Zone	Mild Steel IP30, Matt Light Grey (ANP 37035)
Environmental	–5 °C to 40 °C
Humidity	95% RH, Non-condensing
Dimensions (H × W × D)	
2 & 4 Zone	270 × 330 × 125 mm
8 Zone	394 × 398 × 128 mm
Weight (excl. Batteries)	
2 & 4 Zone	± 2.1 kg
8 Zone	± 5.7 kg
Cable Entries	
2 & 4 Zone	Top: 6× 20 mm, 5× 25 mm Back: 4× 20 mm, 2× 25 mm
8 Zone	Top: 10× 20 mm, 8× 25 mm Back: 5× 20 mm, 7× 25 mm
Key Switch	Enable controls
Event Log	1,000 Logged events
Mains Supply	100 to 240 V AC (± 10%), 50/60 Hz, 1.0 A max
Power Supply	27.5 V DC, Switch Mode, 1.2 A load, 0.5 A max battery charging
AUX Supply Output	24 V DC, 0.5 A
Battery Capacity	24 V DC, 7 Ah
Battery Charging Current	0.5 A max temperature compensated
Number of Fire Zones	2, 4 or 8
Zone EOL	3k3 Ω
Zone Alarm Threshold	220 to 900 Ω (Nominal 680 Ω)
Sounder Outputs	2× Rated at 27.5 V DC, 0.3 A each
Sounder EOL	3k3 Ω
General Fire Relay	30 V AC/DC, 1 A maximum
General Fault Relay	30 V AC/DC, 1 A maximum
Programmable Relays	2, 4 or 8 relays rated 30 V AC/DC, 1 A maximum
Programmable Inputs	2 Fully monitored
Monitored Inputs	
EOL	3k3 Ω
Alarm Threshold	220 to 900 Ω (Nominal 680 Ω)

ORDERING INFORMATION

Product Code	Product Description
ORYX202	2 Zone Conventional Fire Control Panel, ABS Enclosure
ORYX204	4 Zone Conventional Fire Control Panel, ABS Enclosure
ORYX208	8 Zone Conventional Fire Control Panel, Steel Enclosure
ORYX20x-R	x Zone Conventional Repeater Panel (no PSU)
ORYX20x-RPSU	x Zone Conventional Repeater Panel c/w PSU

x = Available in 2, 4 and 8 Zone versions

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