



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 7 (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 100VAC to 240VAC, making it ideal for scenarios with widely fluctuating mains supply. The battery charging capabilities of the power supply allow for the connection of 7Ah 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
- 100–240VAC 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





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SPECIFICATIONS

Enclosure 2 & 4 Zone 8 Zone	ABS: Two-tone (White lid with Anthracite Grey RAL 7016 base) Mild Steel IP30, Matt Light Grey (ANP 37035)
Environmental	-5 °C to 40 °C
Humidity	95% RH, Non-condensing
Dimensions (H x W x D) 2 & 4 Zone 8 Zone	270 x 330 x 125 mm 397 x 394 x 126 mm
Weight (excl. Batteries) 2 & 4 Zone 8 Zone	± 2.1 kg ± 5.7 kg
Cable Entries 2 & 4 Zone 8 Zone	Top: 6x 20mm, 5x 25mm Back: 4x 20mm, 2x 25mm Top: 6x 20mm, 4x 25mm Back: 4x 20mm, 4x 25mm
Key Switch	Enable controls
Event Log	1,000 Logged events
Mains Supply	100–240VAC (± 10%), 50/60 Hz, 1.0A max
Power Supply	27.5VDC, Switch Mode, 1.2 A load, 0.5 A max battery charging
AUX Supply Output	24VDC, 0.5A
Battery Capacity	24VDC, 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	400–800 Ω
Sounder Outputs	2 Rated at 300 mA each
Sounder EOL	3k3 Ω
General Fire Relay	30VAC/DC, 1 A maximum
General Fault Relay	30VAC/DC, 1 A maximum
Programmable Relays	2, 4 or 8 relays rated 30VAC/DC, 1 A maximum
Programmable Inputs	2 Fully monitored
Monitored Inputs EOL Alarm Threshold	3k3 Ω 400–800 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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Document: DS ORYX200 Standard Range 2021 2/10421 E & OE