



# FIRE CONTROL PANELS – CONVENTIONAL ORYX200 WEATHERPROOF RANGE



ORYX200 WEATHERPROOF  
FIRE CONTROL PANELS

## DESCRIPTION

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

The panels are housed in an attractive, modern powder-coated metal weatherproof enclosure for durability and designed for ease of installation. A weatherproof version with DIN rail wiring strip is also available.

The ORYX Repeater Panels are housed in 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 fire control panels have an integral switch mode power supply with 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 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
- 100–240VAC 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
- Mild steel IP65 enclosure
- DIN Rail model available
- Fully compliant with EN54-2 and EN54-4
- 3-Year warranty
- Standard enclosure versions available
- Repeater panel range available





# FIRE CONTROL PANELS – CONVENTIONAL

## ORYX200 WEATHERPROOF RANGE

### SPECIFICATIONS

Enclosure	Mild Steel IP65, Matt Light Grey (ANP 37035)
Environmental	-5 to 40 °C
Humidity	95% RH, Non-condensing
Dimensions (H × W × D)	
2 & 4 Zone	450 × 390 × 143mm
8 Zone	500 × 450 × 139mm
Weight	
2 & 4 Zone	± 7.4 kg (excl. Batteries)
8 Zone	± 10.7 kg (excl. Batteries)
Cable Entries	
2 & 4 Zone	Bottom: 5 × 20mm, 2 × 25mm
8 Zone	Bottom: 5 × 20mm, 4 × 25mm
Key Switch	Enable controls
Event Log	1,000 Logged events
Mains Supply	100 to 240 VAC (± 10%), 50/60 Hz, 1.0 A max
Power Supply	27.5VDC, Switch Mode, 1.2A load, 0.5 A max battery charging
AUX Supply Output	24VDC, 0.5 A
Battery Capacity	
2 & 4 Zone	24VDC, 7 Ah
8 Zone	24VDC, 7 Ah, 12 Ah or 17 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, 0.3A 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	3k3 Ω
Alarm Threshold	220 to 900 Ω (Nominal 680 Ω)

### ORDERING INFORMATION

Product Code	Product Description
ORYX202-W	2 Zone Conventional Weatherproof Fire Control Panel
ORYX204-W	4 Zone Conventional Weatherproof Fire Control Panel
ORYX208-W	8 Zone Conventional Weatherproof Fire Control Panel
ORYX202-WDIN	2 Zone Conventional Weatherproof Fire Control Panel c/w DIN Rail
ORYX204-WDIN	4 Zone Conventional Weatherproof Fire Control Panel c/w DIN Rail
ORYX208-WDIN	8 Zone Conventional Weatherproof Fire Control Panel c/w DIN Rail

ORYX20x-RW     x Zone Conventional Weatherproof Repeater Panel (no PSU)  
ORYX20x-RWPSU x Zone Conventional Weatherproof Repeater Panel (c/w PSU)

x = Available in 2, 4 and 8 Zone versions

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