

QuickZone

2 or 4 Zone Conventional Control Panel

QuickZone is a 2 or 4 zone Conventional / Twin Wire (sav-wire) control panel with integral power supply & space for standby batteries. The panel continues the attributes of quality and reliability, that is easy to install, maintain, and is simple to operate for the end user.

Two or four fire zone circuits are provided plus two monitored sounder circuits. Fire and fault VFCO relays, Fire & Fault switched negative outputs, class change and an alert input are also included. The fire zone outputs can be set as 'Twin Wire' by DIL switch selection. The DIL switches are also used to allow Zone interface setting and Access to Level 3 mode.

In Level 1, the panel will indicate if there are any faults (Supply, Fire, System or General). As well as this, the panel is capable of indicating zones in Fire, Fault and disablements. Auxiliary Output and Sounder status will be shown including if the panel is in test mode.

Controls enabled in Level 2 include Resound, Silence and Reset. Disable and Test modes can also be established at this level, as well as muting the internal buzzer and testing the functionality of all the LED indicators. In access Level 3, it is possible to select sounder resound options for zones (EN54 requirement), select Type 'A' dependency per, view and edit dependency functions as well as restore factory settings. The buzzer volume can also be set.

QuickZone panels support a large range of conventional detectors including Apollo, Argus, Hochiki & Nittan.

QuickZone panels are full approved to European Standards EN54-2 & 4, Fire detection and Alarm Systems - Control & Indicating Equipment.



Features

- 2 or 4 zone
- Twin Wire selection by DIL switch
- Approved to EN54-2 & 4
- One-year warranty as standard
- Simple colour coded buttons for controls and programming
- Integral 1 amp switch mode PSU
- Class change & alert inputs
- Fire & fault relays
- 2 monitored sounder circuits
- Test mode
- Space for up to 2 x 3.2Ah batteries
- Key-switch or code entry for activation of controls

Specification

LED Indicators	5 red (1xFire, 4xZonal) 1 Green (Power) 13 Amber (4xZonal 9xFault & System)
Controls	3 Colour coded buttons (Resound, Silence & Reset), 1-4 numerical buttons and Enter
Key-Switch Input	Level 2 access enable key-switch or code entry
Programming	Via on-board buttons
Zonal circuit configuration	Conventional or Twin Wire (Selectable by DIL switches)
Number of Fire Zones	2 or 4 (dependant on QZ-2 or QZ-4)
On-Board Sounder Circuits	2 Monitored (Fused 500mA)
On-Board Relays	2 Auxiliary Clean C/O Relays Max. 3A @30V _{dc} (1 Fire, 1 Fault)
Mains Supply	230V 50Hz (+10%, -15% tolerance) 1.0A Max.
Auxiliary Supply	28V _{dc} 400mA (Continuous load)
Programmable Inputs	Class Change & Alert
Battery Capacity	2x3.2Ah (Internal 12V SLA)
Charger Current	630mA (27.0Vdc at 20°C Temperature compensated)
Enclosure/Colour	Lockable, Steel IP30 / RAL7035
Cable Entry (20mm Knockouts)	13xTop & 7xRear
Size H x W x D (mm)	Back box 250x300x80, Door 260x308x23 (Return)
Approvals	EN54-2:1997 + A1:2006 & EN54-4: 1997 + A1:2002 + A2:2006

Order Codes and Options

QuickZone Semi-Flushing Bezel

QZ-2:	QuickZone 2 zone Conventional or Twin Wire
QZ-4:	QuickZone 4 zone Conventional or Twin Wire
QZ-B:	QuickZone Semi-Flushing Bezel
QZS-KEY-AC:	QuickZone Pair of spare keys for activating controls
QZS-KEY-D:	QuickZone Pair of spare keys for cabinet door
QZS-LCK-D:	QuickZone Replacement Door Lock
QZS-SW-AC:	QuickZone Replacement Access Control Key-Switch

Compatibility

QuickZone panels support an extensive range of conventional fire detectors, including Apollo, Argus, Hochiki & Nittan.

Twin Wire mode requires special, 'Sav-Wire' detector bases and polarised 470Ω call points.

QuickZone

2 or 4 Zone Conventional Control Panel - Non UK

QuickZone is a 2 or 4 zone Conventional / Twin Wire (sav-wire) control panel with integral power supply & space for standby batteries. The panel continues the attributes of quality and reliability that is easy to install, maintain, and is simple to operate for the end user.

Two or four fire zone circuits are provided plus two monitored sounder circuits. Fire and fault VFCO relays, Fire & Fault switched negative outputs, class change and an alert input are also included. The fire zone outputs can be set as 'Twin Wire' by DIL switch selection. The DIL switches are also used to allow Zone interface setting and Access to Level 3 mode.

In Level 1, the panel will indicate if there are any faults (Supply, Fire, System or General). As well as this, the panel is capable of indicating zones in Fire, Fault and disablements. Auxiliary Output and Sounder status will be shown including if the panel is in test mode.

Controls enabled in Level 2 include Resound, Silence and Reset. Disable and Test modes can also be established at this level, as well as muting the internal buzzer and testing the functionality of all the LED indicators. In access Level 3, it is possible to select sounder resound options for zones (EN54 requirement), select Type 'A' dependancy per, view and edit dependancy functions as well as restore factory settings. The buzzer volume can also be set.

QuickZone is supplied with Advanced's own high spec conventional detectors and devices.

QuickZone panels are full approved to European Standards EN54-2 & 4, Fire detection and Alarm Systems - Control & Indicating Equipment.



Features

- 2 or 4 zone
- Twin Wire selection by DIL switch
- Approved to EN54-2 & 4
- One-year warranty as standard
- Simple colour coded buttons for controls and programming
- Integral 1 amp switch mode PSU
- Class change & alert inputs
- Fire & fault relays
- 2 monitored sounder circuits
- Test mode
- Space for up to 2 x 3.2Ah batteries
- Key-switch or code entry for activation of controls

Specification

LED Indicators	5 red (1xFire, 4xZonal) 1 Green (Power) 13 Amber (4xZonal 9xFault & System)
Controls	3 Colour coded buttons (Resound, Silence & Reset), 1-4 numerical buttons and Enter
Key-Switch Input	Level 2 access enable key-switch or code entry
Programming	Via on-board buttons
Zonal circuit configuration	Conventional or Twin Wire (Selectable by DIL switches)
Number of Fire Zones	2 or 4 (dependant on QZ-2 or QZ-4)
On-Board Sounder Circuits	2 Monitored (Fused 500mA)

On-Board Relays	2 Auxiliary Clean C/O Relays Max. 3A @30V _{dc} (1 Fire, 1 Fault)
Mains Supply	230V 50Hz (+10%, -15% tolerance) 1.0A Max.
Auxiliary Supply	28V _{dc} 400mA (Continuous load)
Programmable Inputs	Class Change & Alert
Battery Capacity	2x3.2Ah (Internal 12V SLA)
Charger Current	630mA (27.0Vdc at 20°C Temperature compensated)
Enclosure/Colour	Lockable, Steel IP30 / RAL7035
Cable Entry (20mm Knockouts)	13xTop & 7xRear
Size H x W x D (mm)	Back box 250x300x80, Door 260x308x23 (Return)
Approvals	EN54-2:1997 + A1:2006 & EN54-4: 1997 + A1:2002 + A2:2006

Order Codes and Options

QZ-2:	QuickZone 2 zone Conventional or Twin Wire
QZ-4:	QuickZone 4 zone Conventional or Twin Wire
QZS-KEY-AC:	QuickZone Pair of spare keys for activating controls
QZS-KEY-D:	QuickZone Pair of spare keys for cabinet door

Compatibility

Twin Wire mode requires special, 'Sav-Wire' detector bases and polarised 470Ω call points.

QuickZone

QuickZone XL

QuickZone XL is up to 12 zone Conventional / Twin Wire (sav-wire) control panel with integral power supply & space for standby batteries. The panel continues the attributes of quality and reliability that is easy to install, maintain, and is simple to operate for the end user.

Up to 12 fire zone circuits are provided plus two monitored sounder circuits. Fire and fault VFCO relays, Fire & Fault switched negative outputs, class change and an alert input are also included. The fire zone outputs can be set as 'Twin Wire' by DIL switch selection. The DIL switches are also used to allow Zone interface setting and Access to Level 3 mode. Dependency modes A, B & C available.

In Level 1, the panel will indicate if there are any faults (Supply, Fire, System, General & repeater). As well as this, the panel is capable of indicating zones in Fire, Fault and disablements and delay status. Auxiliary Output and Sounder status will be shown including if the panel is in test mode.

Controls enabled in Level 2 include Resound, Silence and Reset. Disable and Test modes can also be established at this level, as well as muting the internal buzzer and testing the functionality of all the LED indicators.

In access Level 3, it is possible to select sounder resound options for zones (EN54 requirement), select Type 'A' dependency per, view and edit dependency functions as well as restore factory settings. The buzzer volume can also be set and the event log viewed. Panel wide settings, including access codes and delays.

Two Additional monitored sounder outputs, programmable switched negative outputs and one programmable relay available with high specification expansion card.



Features

- 4 to 12 Zones
- Fully approved to EN54-2 & 4
- One-year warranty as standard
- Integral 3 Amp switch mode PSU
- Class Change & Alert programmable inputs
- Programmable relays and outputs
- Test Mode (with or without sounders)
- Alarm load of 2.4A shared across all sounder outputs
- Modular expansion zone cards available
- 2 Additional sounder circuits with high spec expansion card
- Can support up to 8 fully functional repeater panels
- Key-switch or code entry for activation of controls
- Space for up to 2 x 7.0Ah batteries
- Two monitored sounder circuits fitted as standard
- Integral detector removal monitoring

Specification

LED Indicators	13 Red (1xFire, 12xZonal) 1 Green (power) 22 Amber (12xZonal 10 Fault & System)
Controls	3 Colour coded buttons (Resound, Silence & Reset), 1-4 numerical buttons and Enter
Key-Switch Input	Level 2 access enable key-switch or code entry
Programming	Via on-board buttons
Zonal Circuit Configuration	Conventional or Twin Wire (Selectable by DIL switches)
Number of Fire Zones	4 to 12 (dependant on product and expansion)
On-Board Sounder Circuits	2 Monitored (Fused 1A Resettable) (a further two available through High spec Card)
On-Board Relays	2 Auxiliary Clean C/O Relays Max. 3A @30V _{dc} (1 Fire, 1 Fault)
Mains Supply	230V 50Hz (+10%, -15% tolerance) 1.2A Max.
Auxiliary Supply	28V _{dc} 400mA (Continuous load)
Programmable Inputs	Class Change & Alert
Battery Capacity	2x7.0Ah (Internal 12V SLA)
Charger Current	1.34A (27.0Vdc at 20°C Temperature compensated)
Networking	Fully functional repeater panel via plug in communications PCB
Enclosure/Colour	Lockable, Steel IP30 / RAL7035
Cable Entry (20mm Knockouts)	20xTop, 8xRear & 4xBase
Size H x W x D (mm)	Back box 300x450x85, Door 310x460x25 (Return)
Approvals	EN54-2:1997 + A1:2006 & EN54-4: 1997 + A1:2002 + A2:2006

Order Codes and Options

QZX-4:	QuickZone XL 4 Zone Conventional or Twin Wire
QZX-8HS:	QuickZone XL 8 Zone Conventional or Twin Wire (High Specification zone card fitted)
QZX-12HS:	QuickZone XL 12 Zone Conventional or Twin Wire (1xStandard & 1xHigh Specification zone card)
QZX-HSZEC:	QuickZone XL 4 zone expander card (High Specification)
QZX-B:	QuickZone XL Semi-Flushing Bezel
QZS-KEY-AC:	QuickZone Pair of spare keys for activating controls
QZS-KEY-D:	QuickZone Pair of spare key for cabinet door

Compatibility

QuickZone panels support an extensive range of conventional fire detectors, including Apollo, Argus, Hochiki & Nittan.

QuickZone panels are fully approved to European Standards EN54-2 & 4, Fire detection and Alarm Systems - Control & Indicating Equipment.

Twin Wire mode requires special, 'Sav-Wire' detector bases and polarised, 470Ω call points.

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.

QuickZone

QuickZone XL - Non UK

QuickZone XL is up to 12 zone Conventional / Twin Wire (sav-wire) control panel with integral power supply & space for standby batteries. The panel continues the attributes of quality and reliability that is easy to install, maintain, and is simple to operate for the end user.

Up to 12 fire zone circuits are provided plus two monitored sounder circuits. Fire and fault VFCO relays, Fire & Fault switched negative outputs, class change and an alert input are also included. The fire zone outputs can be set as 'Twin Wire' by DIL switch selection. The DIL switches are also used to allow Zone interface setting and Access to Level 3 mode. Dependency modes A, B & C available.

In Level 1, the panel will indicate if there are any faults (Supply, Fire, System, General & repeater). As well as this, the panel is capable of indicating zones in Fire, Fault and disablements and delay status. Auxiliary Output and Sounder status will be shown including if the panel is in test mode.

Controls enabled in Level 2 include Resound, Silence and Reset. Disable and Test modes can also be established at this level, as well as muting the internal buzzer and testing the functionality of all the LED indicators.

In access Level 3, it is possible to select sounder resound options for zones (EN54 requirement), select Type 'A' dependency per, view and edit dependency functions as well as restore factory settings. The buzzer volume can also be set and the event log viewed. Panel wide settings, including access codes and delays.

Two Additional monitored sounder outputs, programmable switched negative outputs and one programmable relay available with high specification expansion card. QuickZone is supplied with Advanced's own high spec conventional detectors and devices.



Features

- 4 to 12 Zones
- Twin Wire selection by DIL switch
- Fully approved to EN54-2 & 4
- One-year warranty as standard
- Integral 3 Amp switch mode PSU
- Class Change & Alert programmable inputs
- Programmable relays and outputs
- Test Mode (with or without sounders)
- Alarm load of 2.4A shared across all sounder outputs
- Modular expansion zone cards available
- 2 Additional sounder circuits with high spec expansion card
- Fully functional repeater panels
- Can support up to 8 repeater panels
- Key-switch or code entry for activation of controls
- Space for up to 2 x 7.0Ah batteries
- Two monitored sounder circuits fitted as standard
- Integral detector removal monitoring

Specification

LED Indicators	13 Red (1xFire, 12xZonal) 1 Green (power) 22 Amber (12xZonal 10 Fault & System)
Controls	3 Colour coded buttons (Resound, Silence & Reset), 1-4 numerical buttons and Enter
Key-Switch Input	Level 2 access enable key-switch or code entry
Programming	Via on-board buttons
Zonal Circuit Configuration	Conventional or Twin Wire (Selectable by DIL switches)
Number of Fire Zones	4 to 12 (dependant on product and expansion)
On-Board Sounder Circuits	2 Monitored (Fused 1A Resettable) (a further two available through High spec Card)
On-Board Relays	2 Auxiliary Clean C/O Relays Max. 3A @30V _{dc} (1 Fire, 1 Fault)
Mains Supply	230V 50Hz (+10%, -15% tolerance) 1.2A Max.
Auxiliary Supply	28V _{dc} 400mA (Continuous load)
Programmable Inputs	Class Change & Alert
Battery Capacity	2x7.0Ah (Internal 12V SLA)
Charger Current	1.34A (27.0Vdc at 20°C Temperature compensated)
Networking	Fully functional repeater panel via plug in communications PCB
Enclosure/Colour	Lockable, Steel IP30 / RAL7035
Cable Entry (20mm Knockouts)	20xTop, 8xRear & 4xBase
Size H x W x D (mm)	Back box 300x450x85, Door 310x460x25 (Return)
Approvals	EN54-2:1997 + A1:2006 & EN54-4: 1997 + A1:2002 + A2:2006

Order Codes and Options

QZX-4:	QuickZone XL 4 Zone Conventional or Twin Wire
QZX-8HS:	QuickZone XL 8 Zone Conventional or Twin Wire (High Specification zone card fitted)
QZX-12HS:	QuickZone XL 12 Zone Conventional or Twin Wire (1xStandard & 1xHigh Specification zone card)
QZX-HSZEC:	QuickZone XL 4 zone expander card (High Specification)
QZS-KEY-AC:	QuickZone Pair of spare keys for activating controls
QZS-KEY-D:	QuickZone Pair of spare key for cabinet door

Compatibility

QuickZone panels are fully approved to European Standards EN54-2 & 4, Fire detection and Alarm Systems - Control & Indicating Equipment.

Twin Wire mode requires special, 'Sav-Wire' detector bases and polarised, 470Ω call points.

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QuickZone

QuickZone XL 32

The QuickZone XL 32 is a 16 to 32 Zone Conventional Control Panel with integral power supply and space for appropriate standby batteries. The panel extends the QuickZone range with the same high levels of quality and reliability, as well as remaining easy to install, maintain and simple to use for the end user.

Up to 32 fire zone circuits are provided as well as four monitored sounder circuits, complete with 500mA resettable fuses. Fire and fault VFCO relays along with fire, fault, disablement and reset programmable switched negative outputs. Class change and alert inputs are also available.

DIL switches within the panel are used to allow Zone Interface setting and also to allow access to level 3. Dependency modes A, B and C are available to help reduce false alarms. The panel is very cost effective and even allows for one man walk tests.

In Level 1, the panel can indicate any faults present (supply, fire, system, general and repeater), as well as reporting on the status of the whole system (Fire, disablements, Fire routing active, auxiliary and sounder output status). It will also clearly indicate if in Test mode.

Level 2 access enables the Resound, Silence and Reset controls. Disable and Test modes can also be established in this level. This level also permits the muting of the internal buzzer and the ability to test the functionality of all the LED indicators.

In access Level 3, it is possible to select sounder resound options for zones, (EN54 requirement), as well as permitting the user to view and edit dependency functions. Factory settings can be restored, the event log viewed and access provided to panel wide settings, including access codes and delays to outputs.



Features

- 16, 24 or 32 Zones
- 3 Modes to manage false alarms
- One man walk test
- Key-switch or code entry for access
- Three-year warranty as standard
- Space for two 18AHr batteries
- Integral 5 Amp switch mode PSU
- Programmable relays & outputs
- Approved to EN54-2 & 4
- Network up to 8 control panels
- Four monitored sounder circuits
- Class change & alert, programmable inputs
- Fire alarm routing output
- Test mode with or without sounders
- Integral detector removal monitoring
- Spacious enclosure for easy installation and cabling
- One-year warranty as standard

Specification

LED Indicators	33 Red (1xFire & 32 Zonal) 1 Green (Power) 42 Amber (32 Zonal and 14 Fault & System)
Controls	3 Colour coded buttons (Resound, Silence & Reset), 1-4 numerical buttons and Enter
Key-Switch Input	Level 2 access enable key-switch or code entry
Programming	Via on-board buttons
Zonal Circuit Configuration	Conventional
Number of Fire Zones	16/24/32 (Dependant on product)
On-Board Sounder Circuits	4 Monitored (Fused 500mA Resettable)
On-Board Relays	2 Auxiliary Clean C/O Relays Max. 3A @ 30Vdc (1 Fire, 1 Fault)
Mains Supply	230V 50Hz (+10%, -15%tolerance) 1.9A Max.
Auxiliary Supply	28Vdc 400mA (Continuous load)
Programmable Inputs	Class Change & Alert
Battery Capacity	2x18.0Ah (Internal 12V SLA)
Charger Current	Limited to 2.0A (27.0Vdc at 20°C Temperature compensated)
Networking	Supports up to 8 networked control panels
Enclosure/Colour	Lockable, Steel IP30 / RAL7035
Cable Entry (20mm Knockouts)	41xTop & 35xRear
Weight	8 Kg
Size H x W x D (mm)	Back box 400x450x130, Door 410x465x25 (Return)
Approvals	EN54-2:1997 + A1:2006 & EN-54-4: 1997 + A1:2002 + A2:2006

Order Codes and Options

QZXL-16:	QuickZone XL 16 Zone Conventional Panel
QZXL-24:	QuickZone XL 24 Zone Conventional Panel
QZXL-32:	QuickZone XL 32 Zone Conventional Panel
QZS-KEY-AC:	QuickZone Pair of spare keys for activating controls
QZS-KEY-D:	QuickZone Pair of spare keys for cabinet door

Compatibility

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QuickZone

QuickZone XL Repeater

The QuickZone XL repeater panels have the same easy to use control and indication as the main control panel but are mounted in a smaller cabinet.

The repeaters are fully functional with 'Silence', 'Resound' and 'Reset' controls, as well as Disable and Test Mode functions. It is also possible to disable the controls for each or all repeater panels to make them passive (indication only). QuickZone XL panels can support up to 8 repeater panels.

Repeater panels are designed to be wired in a fault tolerant (fail safe) loop configuration, to and back to the main panel again. This enables repeater panels to still work if there is a break in the cables.

If replacing an older system where the existing cabling cannot be configured in a loop as above, it is possible to re-programme the panel back with a radial circuit and enable communications monitoring.

The main circuit board has 2 switched negative inputs which can be used to sound or pulse the alarms. These inputs can also be reprogrammed for use as PSU fault inputs.

The internal communications PCB has 6 switch negative programmable outputs.



Features

- 12 Zonal, Fire & Fault indications
- One-year warranty as standard
- Simple colour coded buttons for control
- Integral 1 Amp switch mode PSU
- Class change and Alert inputs
- Programmable Outputs
- Test Mode & Disablement functions
- Fully functional or passive
- Space for up to 2 x 3.2Ah batteries
- Key-switch or code entry for activation of controls

Specification

ED Indicators	13 Red (1xFire, 12xZonal) 1 Green (power) 22 Amber (12xZonal 10 Fault & System)
Controls	3 Colour coded buttons (Resound, Silence & Reset), 1-4 numerical buttons and Enter
Key-Switch Input	Level 2 access enable key-switch or code entry
Programming	Via on-board buttons
Zonal Circuit Configuration	Conventional or Twin Wire (Selectable by DIL switches)
Number of Fire Zones	4 to 12 (dependant on product and expansion)
Mains Supply	230V 50Hz (+10%, -15% tolerance) 1.2A Max.
Auxiliary Supply	28V _{dc} 400mA (Continuous load)
Programmable Inputs	Class Change & Alert

Battery Capacity	2x3.2Ah (Internal 12V SLA)
Charger Current	630mA (27.0Vdc at 20°C Temperature compensated)
Networking	Fully functional repeater panel via plug in communications PCB
Enclosure/Colour	Lockable, Steel IP30 / RAL7035
Cable Entry (20mm Knockouts)	13xTop, & 6xRear
Size H x W x D (mm)	Back box 250x300x80, Door 260x308x23 (Return)
Approvals	EN54-2:1997 + A1:2006 & EN54-4: 1997 + A1:2002 + A2:2006

Order Code and Options

QZXL-RL12:	QuickZone XL 12 Zone repeater panel
QZS-KEY-AC:	QuickZone Pair of spare keys for activating controls
QZS-KEY-D:	QuickZone Pair of spare keys for cabinet door

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QuickZone

QuickZone XL Repeater - Non UK

The QuickZone XL repeater panels have the same, easy to use controls and indications as the main control panel, but are mounted in a smaller cabinet.

The repeaters are fully functional with 'Silence', 'Resound' and 'Reset' controls, as well as Disable and Test Mode functions. It is also possible to disable the controls for each or all repeater panels to make them passive (indication only). QuickZone XL panels can support up to 8 repeater panels.

Repeater panels are designed to be wired in a fault tolerant (fail safe) loop configuration, to and back to the main panel again. This enables repeater panels to still work if there is a break in the cables.

If replacing an older system where the existing cabling cannot be configured in a loop as above, it is possible to re-programme the panel back with a radial circuit, and enable communications monitoring.

The main circuit board has 2 switched negative inputs which can be used to sound or pulse the alarms. These inputs can also be reprogrammed for use as PSU fault inputs.

The internal communications PCB has 6 switched negative programmable outputs.

QuickZone is supplied with Advanced's own high spec conventional detectors and devices.



Features

- 12 Zonal, Fire & Fault indications
- One-year warranty as standard
- Simple colour coded buttons for control
- Integral 1 Amp switch mode PSU
- Class change and Alert inputs
- Programmable Outputs
- Test Mode & Disablement functions
- Fully functional or passive
- Space for up to 2 x 3.2Ah batteries
- Key-switch or code entry for activation of controls

Specification

LED Indicators	13 Red (1xFire, 12xZonal) 1 Green (power) 22 Amber (12xZonal 10 Fault & System)
Controls	3 Colour coded buttons (Resound, Silence & Reset), 1-4 numerical buttons and Enter
Key-Switch Input	Level 2 access enable key-switch or code entry
Programming	Via on-board buttons
Zonal Circuit Configuration	Conventional or Twin Wire (Selectable by DIL switches)
Number of Fire Zones	4 to 12 (dependant on product and expansion)
Mains Supply	230V 50Hz (+10%, -15% tolerance) 1.2A Max.
Auxiliary Supply	28V _{dc} 400mA (Continuous load)
Programmable Inputs	Class Change & Alert

Battery Capacity	2x3.2Ah (Internal 12V SLA)
Charger Current	630mA (27.0Vdc at 20°C Temperature compensated)
Networking	Fully functional repeater panel via plug in communications PCB
Enclosure/Colour	Lockable, Steel IP30 / RAL7035
Cable Entry (20mm Knockouts)	13xTop, & 6xRear
Size H x W x D (mm)	Back box 250x300x80, Door 260x308x23 (Return)
Approvals	EN54-2:1997 + A1:2006 & EN54-4: 1997 + A1:2002 + A2:2006

Order Code and Options

QZXL-RL12:	QuickZone XL 12 Zone repeater panel
QZS-KEY-AC:	QuickZone Pair of spare keys for activating controls
QZS-KEY-D:	QuickZone Pair of spare keys for cabinet door

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QuickZone

Photoelectric Smoke Detector

The photoelectric smoke detector has been designed with a unique symmetrical chamber.

The chamber ensures optimum air entry from all directions and offers immunity to ambient light into the detectors.

A custom ASIC provides superior and reliable detection performance whilst reducing the problems of false alarms.

A patented moulding profile helps to enhance long term stability by removing airborne contamination before it can enter the sensing chamber.



Features

- EN54-7 approved (Cert No. 603a/08)
- Double dust trap protects the smoke chamber from contamination
- Central LED providing 360-degree visibility
- Magnetic test feature
- Anti-Tamper locking feature
- Robust and reliable
- Unique range of Decorline finishes are available
- One-year warranty
- Part Number 20-AS1000-ADV

Specification

Operating Voltage	10-30V
Stand by Current	I=75 uA
Alarm Current	Ial=50mA
LED Current Consumption	Iled=6mA @24Vdc
Operating Temperature Range	-30°C / +70°C
Device Sensitivity	0.17db/m (3.8%/m)
Humidity (no condensing)	95% RH
Height with Base	54 mm
Diameter	110mm
Approvals / Certification	EN54-7 approved (Cert No. 603a/08)

Order Codes and Options

20-AS1000-ADV:	Photoelectric Smoke Detector
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QuickZone

Conventional Class P Thermal Detector

The 20-AS3500-ADV user programmable rate of rise detector and high-temperature detector meets the requirements of EN 54-5 class A1R and class B and provides the highest level of protection when smoke detection is unsuitable.

The thermal detector incorporates a single centrally positioned NTC thermistor that continuously samples temperature variations in the protected area.

Via the VPU1000 the 20-AS3500-ADV can be configured as a rate of rise class A1R or high-temperature class B thermal detector and the production date of each device can be read.



Features

- Central LED providing 360 degree visibility.
- Magnetic test
- Anti-tamper locking feature.
- Unique Decorline finishes available.
- One-year warranty.
- Part Number 20-AS3500-ADV

Specification

Operating Voltage	10-30V
Average standby current	60 uA @24Vdc
Maximum allowed alarm current	40mA (externally limited)
Maximum allowed remote device current	20mA (externally limited)
Low temperature mode alarm threshold (class A1R)	58°C
High temperature mode alarm threshold (class B)	78°C
Operating Temperature Range	-30°C / +70°C
Humidity (no condensation)	95% RH
Height with base	54 mm
Diameter	110mm

Order Codes and Options

20-AS3500-ADV:	Conventional Class P Thermal Detector
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QuickZone

Class A1R Rate Of Rise Heat Detector

The Rate Of Rise Heat Detector meets the requirements of EN54-5 class A1R and provides the highest level of protection when smoke detection is unsuitable.

A single, centrally positioned, NTC thermistor supervises the ambient temperature with low thermal inertia.

A custom ASIC provides superior and reliable detection performance whilst reducing the problems of false alarms.



Features

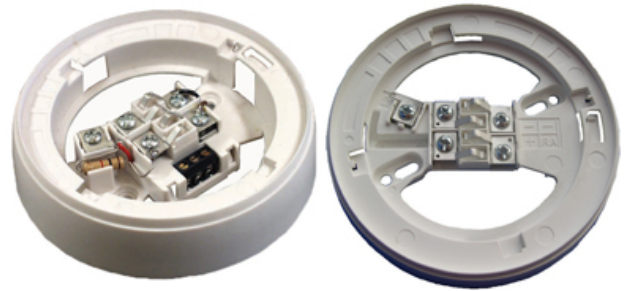
- EN54-5 A1R approved (Cert No. 603b/02)
- Central LED providing 360-degree visibility
- Magnetic test feature
- Anti-Tamper locking feature
- Robust and reliable
- Unique range of Decorline finishes are available
- One-year warranty
- Part Number 20-AS3500A1R-ADV

Specification

Operating Voltage	10-30V
Stand by current	I=75 uA
Alarm current	Ial=50mA
LED current consumption	Iled=6mA @24Vdc
Operating Temperature Range	-30°C / +70°C
Humidity (no condensing)	95% RH
Height with base	54 mm
Diameter	110mm
Approvals / Certification	EN54-5 A1R approved (Cert No. 603b/02)

Order Codes and Options

20-AS3500A1R-ADV:	Class A1R Rate Of Rise Heat Detector
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Specification

Material	ABS
Base diameter	110mm
Operating Temperature Range	-20°C / +65°C
Humidity (non condensing)	95% RH
ABLR100 relay base output relay contacts	1 Normally Closed 2 Common 3 Normally Open
Terminal connection	Maximum 2.5mm ²

Order Codes and Options

20-ABR100-ADV:	Universal resistor base
20-ABDR100-ADV:	Universal resistor+diode base
20-ABSR100-ADV:	Deep resistor base
20-ABLRD100-ADV:	Deep resistor+diode base
20-ABLR100-ADV:	Resistor relay base

QuickZone

Multicriteria Detector

The 20-AS2000-ADV multi-criteria detector combines optical and thermal detection capability providing early fire warning with a high level of false alarm rejection.

A drift compensation algorithm maintains alarm sensitivity thresholds effectively extending the time between maintenance periods.

Via the VPU1000 it is possible to read the current drift value and the production date of each device.

A single centrally positioned thermistor continuously samples the temperature variation in the protected area.



Features

- Central LED providing 360 degree visibility.
- Magnetic test.
- Anti-tamper locking feature.
- Unique Decorline finishes are available.
- One-year warranty
- Part Number 20-AS2000-ADV

Specification

Operating Voltage	10-30V
Average standby current	60 uA @24Vdc
Maximum allowed alarm current	40mA (externally limited)
Maximum allowed remote device current	20mA (externally limited)
Alarm temperature threshold (class A1R)	58°C
Operating Temperature Range	-30°C / +70°C
Humidity (no condensing)	95% RH
Diameter	110mm
Height with base	54 mm

Order Codes and Options

20-AS2000-ADV:	Multicriteria Detector
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