QUELL

Q2300 240V Mains Photoelectric Smoke Alarms

Overview

The Quell Q2300 Series smoke alarms are mains-powered optical detectors equipped with a DC battery back-up, ensuring continuous protection even during power outages. Models Q2300 and Q2300LL support hardwired interconnection with up to 23 compatible units from the Q2300, Q2300LL, Q2300W or Q1300 ranges.

Interconnected functionality significantly enhances home safety—when one alarm detects smoke, all connected alarms sound, providing an early warning across the entire home. This feature is especially crucial for alerting occupants in remote rooms or on different floors, offering vital time to respond and escape in an emergency.

What is Included

- Smoke alarm
- Separate mounting base
- Screws and plugs fixings
- Manual

Features & Benefits

240V AC

Mains Powered
240V AC (50 Hz).

Interconnectable
Interconnects with up to 23 Quell smoke alarms with hardwire interconnect feature.

Hush Feature
Temporarily silences alarm.

Large Screw Terminals
Large screw terminals are essential for securely connecting thick wire and ensuring reliable, maintainable connections.

Audio Alarm
85 dB - repeat 3 long beeps (ISO 8201) indicates that particles of combustion have been detected.

Photoelectric Sensor Technology, Type A
Quick response to visible smouldering fires (e.g. from foam filled furniture and overheated PVC wiring).

Operating Temp: 0°C to 40°C
Operating Humidity: Up to 93% Humidity (Non-condensing)

10
10 year limited warranty.

Technical Specifications

Product Code	140014 / 140015
Model Number	Q2300 / Q2300LL
Compatibility	Q2300, Q2300LL, Q2300W (wired only)
Smoke Sensor	Photoelectric
Operation	AC/DC
Power Consumption	240V mains-powered with 9V battery back-up
Audio Alarm	85+ dB at 3 metres
Temperature	Operating range: 0˚C to 40˚C
Humidity	Operating range: maximum 93% relative humidity (RH)
Storage and Transport	-20ºC to +60ºC and 5–95% relative humidity (RH) non-condensing
Connection	Large screw in terminal block
Battery Back-up	Q2300 - 9V alkaline battery back up Q2300LL - 9V lithium battery back up
Weight	242g
Visible Indicators	Red LED flashes approx once every five minutes = normal operation Red LED flashes once a second = sensing smoke (sounder alarm sounds) Red LED flashes once every ten seconds = in hush condition (auto-reset after 10 minutes)
Interconnects	Wired interconnects with up to 23 other Quell devices. Compatible with Q2300, Q2300LL, Q2300W and Q1300
Size	133 mm (diameter) x 54 mm
Warranty	10 year limited warranty
Certification	AS3786:2014

Ordering Information

140014	Quell Photoelectric Smoke Alarm 240V Mains Powered with 9V Battery Back up
140015	Quell Photoelectric Smoke Alarm 240V Mains Powered with Long Life Lithium Battery Back up

Distributed by:

Contact

For further information on the full range of Quell® products, visit our website www.quell.com.au