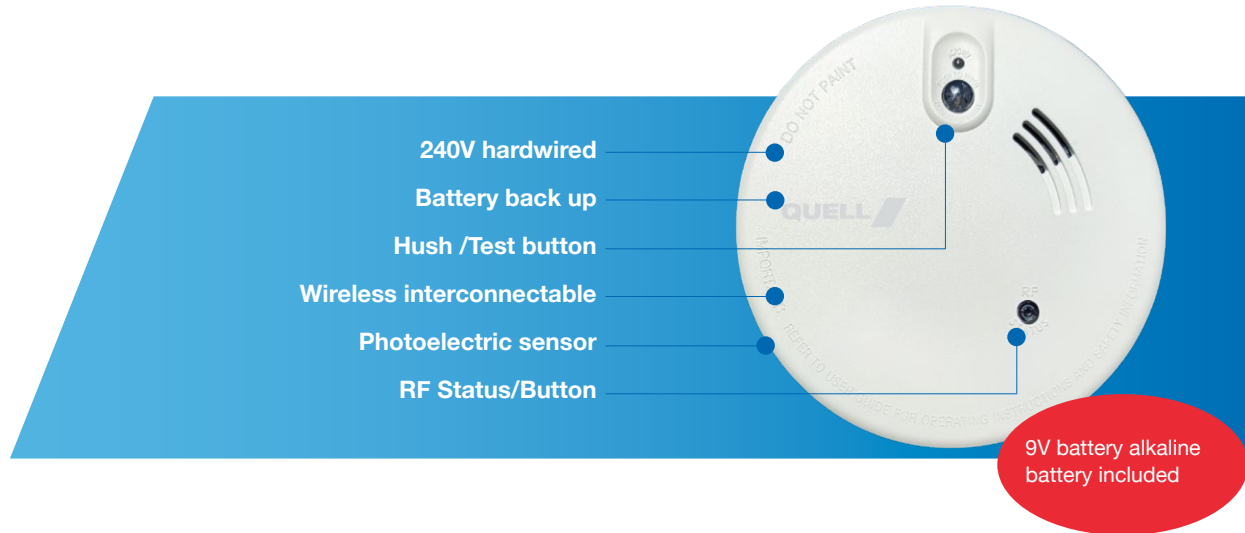


# MAINS POWERED 240V WIRELESS SMOKE ALARM



## Overview

Mains-powered optical smoke alarm that can be wireless interlinked to 23 Quell wireless alarms. Once interlinked, the detection of the relevant danger by an individual until will sound across all the connected alarms.

## Where to use

Photoelectric alarms are for use in escape or circulation routes and in areas where there is a danger of ignition of furniture and surroundings by cigarettes producing slow, smouldering fires. This mains-powered unit should be installed by a qualified electrician. The alarm comply with AS3786:2014 standards.



Quick Action Hinged Removable Base



## Features and Benefits

- **Suitable for wall and ceiling mounting**
- **For bedrooms, living areas and hallways**
- **RF status button/ Amber Led** - emit a series of LED flashes as the unit (s) search for an RF interlink network
- **Multi-function** green and red LED's indicate power and and alarm status
- **Large screw in terminals**
- **Quick action hinged removable base**
- **Interconnect Combination of 46 Alarms**
- **Q2300W Interconnect Compatibility**
- **Wireless Interconnect Models:** Q2300W, Q4000 Series
- **Wired Interconnect Compatibility:** Q1300, Q2300 Series
- **Alarm memory** – identifies source unit within interconnecting network
- **Reduced energy consumption** – lower lifetime running costs
- **Bug Screen** – reduces 'nuisance' alarms
- **Combined Test/Hush™ button allows regular testing of alarm function and can be used to temporarily silence nuisance alarms**
- **Auto reset after activation**
- **240V Mains operation** – 9V Alkaline back-up battery supplied as standard
- **Certification** - Activfire® listed. Complies with Australian Standard AS3786



# 240V MAINS PHOTOELECTRIC SMOKE ALARM

## Product specifications

<b>Part Number:</b>	240025
<b>Order code/Model</b>	Q2300W
<b>Product Dimensions</b>	133 mm (diameter) x 54mm
<b>Sensor</b>	Photoelectric, circular lateral chamber with insect-resistant width, 9-slot entry portals
<b>Chamber Size</b>	35mm outside diameter x 16mm depth approximate (external)
<b>Detection Band</b>	Infrared light wavelength
<b>Button Test</b>	Simulates the effect of smoke within the sensing chamber, checks electronics and sounder
<b>Automatic Self-test</b>	Circuitry is tested and unit beeps (chirps) if fault is detected
<b>Supply Voltage</b>	240V mains-powered with 9V Alkaline battery back-up, 50 Hz < 15mA
<b>Temperature Range</b>	0°C to + 40°C
<b>Humidity Range</b>	Up to 93% Relative Humidity (RH) non-condensing
<b>Storage and Transport</b>	-20°C to +60°C and 5–95% relative humidity (RH) non-condensing
<b>Connection</b>	Large screw in terminal block
<b>Battery Back-up</b>	User-replaceable alkaline 9V battery (522/6LR61)
<b>Power-on Indicator</b>	Continuous green LED
<b>Alarm Sounder</b>	Electronic piezo-electric sounder (T3 pattern sound - three pulses - space - three pulses) with soldered contacts
<b>Sound Output</b>	85dB (A) minimum at 3 metres
<b>Alarm Frequency</b>	3.2 kHz typical
<b>Alarm Weight</b>	242g
<b>RF Status / Button</b>	Combined network programming button & status LED
<b>Alarm Status</b>	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)
<b>Interconnection</b>	Interconnects wired & wireless up 46 devices
<b>Plastics used</b>	NORYL – Cover, main body and mounting bracket
<b>Lead-Free Status</b>	All Quell alarms are lead-free
<b>Warranty</b>	10 year
<b>Approved to</b>	AS3786:2014

## Ordering information

Bar Code	Code	Pack Qty	Dimensions (D x W x H)	Weight	Pallet Qty
9315546400254	240025	Each	135x54x135mm	0.34kg	648 Units
29315546400258	240025	Inner Box 6	358x150x143mm	2.22kg	
69315546400256	240025	Outer Carton 24	373x325x310mm	9.45kg	

## Contact

For further information on Quell® smoke alarms, or other products in the Quell® range visit our website at [www.quell.com.au](http://www.quell.com.au) or phone **1800 654 435**