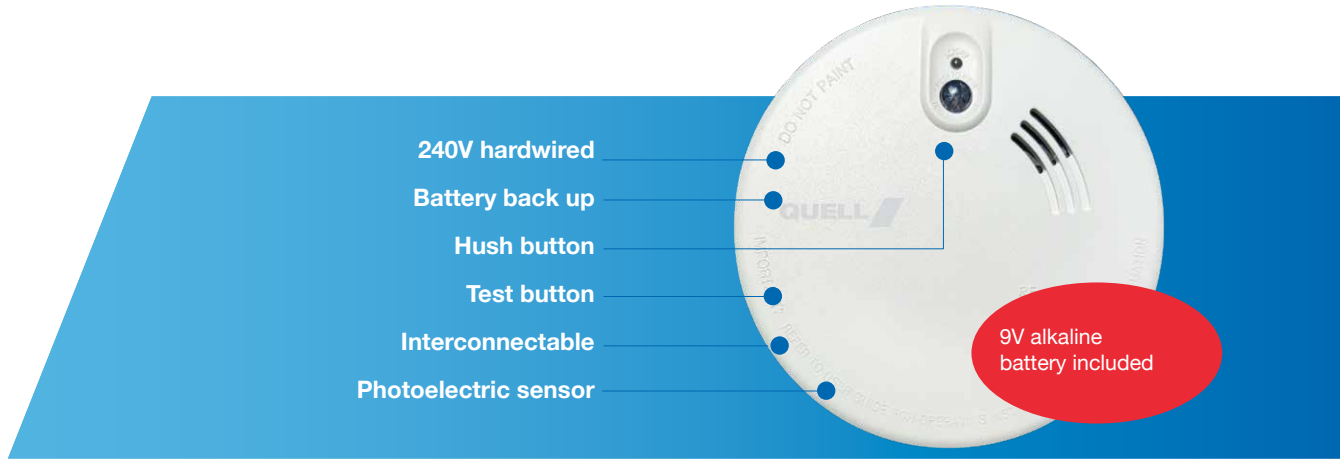


# 240V MAINS PHOTOELECTRIC SMOKE ALARM



## Overview

Mains-powered optical smoke alarm that can be interlinked with up to 23 other 240V mains Q2300 / Q2300LL 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

- **Large screw in terminals**
- **Quick action hinged removable base**
- **Interlink with up to 23 Quell hard-wired alarms**  
All alarms sound if danger is detected
- **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 AS3786:2014



# 240V MAINS PHOTOELECTRIC SMOKE ALARM

## Product specifications

<b>Part Number:</b>	140014
<b>Order code/Model</b>	Q2300
<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>Dust Protection</b>	In-built foam gasket in rear of alarm to prevent dust ingress into rear of the alarm
<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 with up to 23 other Quell 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
9315546400148	140014	Each	135x54x135mm	0.34kg	576 Units
29315546400142	140014	Inner Box 6	358x150x143mm	2.22kg	
69315546400140	140014	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**