

230Vac Radio Cluster Communicator (RCC) Product Datasheet

Key Features

- Smart Cluster Technology
- Internal diversity aerials
- Dual band 868MHz operation
- 32 radio channel selection
- Up to 31 FireCell devices per RCC
- 230Vac operated
- 72 hour battery backup*
- Third party EN certified
- Optional external aerials available

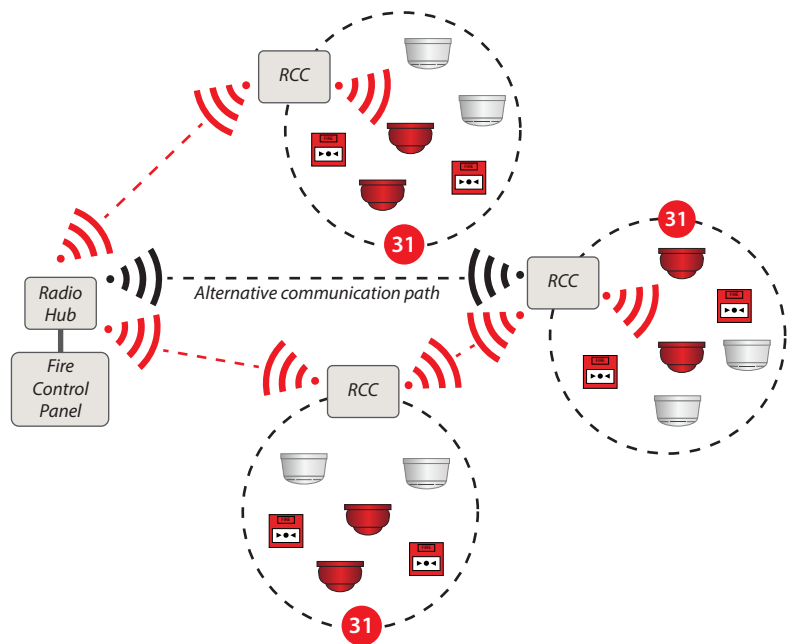


Product Overview

The 230Vac FireCell RCC is a remote transceiver node that works within the FireCell wireless fire system.

The RCC accommodates up to 31 wireless FireCell devices, and can report directly to the Radio Hub or via other RCCs (up to four hops), for optimum flexibility and maximum wireless coverage.

This device is third party EN certified, combining diversity aerial methodology, Smart Cluster Technology and 32 channel selection to produce fast and reliable wireless communication.



Technical Data



-10°C to 50°C



IP54, Indoor use only



0.95kg (excluding battery)



220 - 240Vac



868MHz



CE 10
0359-CPR-0046



6V 4Ah Lead Acid
(battery sold separately)



0 - 14 dBm (auto adjusting)



EN 54-4, EN54-18 & EN54-25



72 hours*



270mm(W) 205mm(H) 85mm(D)



FC-555-001
FC-555-331 (with remote aerial facility)
FC-006-004 (6V 4Ah lead acid battery)



44 mA (normal operation)
55.5 mA (mains disconnected)

*Typical 5 year battery life based on normal usage. Note: if 72 hours battery standby is required, it is recommended that the battery is replaced every 3 years.

