



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2107	14-May-2007	Number 16 (Provisional)	Issue date 26-Apr-2021	30-Apr-2022

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Product designation

Chubb, Code Red Series III, alarm signalling equipment

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Kidde Australia

Unit 3, Ground Floor, 10 Ferntree Place, NOTTING HILL, VIC, AUSTRALIA, 3168

Registrant

Kidde Australia

Unit 3, Ground Floor, 10 Ferntree Place, NOTTING HILL, VIC, AUSTRALIA, 3168

Producer

Call Direct Cellular Solutions

Suite 145, National Innovations Centre, Technology Park, EVELEIGH, NSW, AUSTRALIA, 1430

Conformance criteria and evaluation

The Chubb, Code Red Series III, alarm signalling equipment has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 4428.6-1997, 'Fire detection, warning, control and intercom systems - Control and indicating equipment - Alarm signalling equipment'.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. The ASE is mounted inside the same enclosure as a CIE complying with AS 4428.1 or a power supply complying with AS 4428.5,
- ii. The relevant fire authority accepts ASE with SCADA communications protocol other than that specified in AS 4418.2,
- iii. The ASE main module and display module are mounted within the same enclosure,
- iv. The optional expansion boards are housed within the same enclosure as the main ASE module and the display module.

Issued by

David Whittaker

Executive Officer – ActivFire Scheme



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The validity and authenticity of this certificate can be verified by the certification register located at <https://www.activfire.gov.au>

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

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Producer's description

The microprocessor based Chubb, Code Red Series III, alarm signalling equipment (ASE) provides an interface between a building's fire alarm system and an alarm monitoring network. It consists of three main parts;

- Main ASE Module
- Display Module
- Expansion Module

The ASE is equipped with two communication channels identified as the Primary and Secondary communication channels. The communications configuration of this equipment can be either GPRS/PSTN (where GPRS is the Primary communications and PSTN the secondary) or PSTN/PSTN (where two individual PSTN connections are used for the primary and secondary). The status of each communications link is indicated on an LCD display. A DNP3 SCADA protocol is used for communications between the ASE and the monitoring service.

The ASE uses a Dallas-Maxim iButton as authorisation to set the unit into 'test' mode or 'isolate' mode. Each iButton has a unique 64 bit address, and is authenticated at the monitoring centre.

The main module of this equipment allows for 6 monitored inputs. Up to 10 optional expansion modules (breakout PCBs) can be connected to the ASE, with each breakout providing an additional 6 inputs. This results in a maximum of 66 monitored inputs per unit.

The main module and expansion module of the ASE do not have any indicators; all indications are displayed via the Display Module. The Display Module has a backlit, two line LCD display. The green backlight is on permanently, and indicates that power is applied to the unit. Icons on the display are used to indicate communications status and the health of the unit. Input, test and isolate status are displayed on the LCD.

The Chubb, Code Red Series III, alarm signalling equipment must be powered by 24Vdc from an AS 4428.5 conforming power supply, and must be located in the same enclosure as the power supply. If the AS 4428.5 power supply is integrated with an AS 4428.1 compliant CIE, then the ASE must be located within the CIE enclosure.

Technical specification

The following details are a representative extract of the technical specification for the Chubb, Code Red Series III, alarm signalling equipment and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

General	
Number of inputs	6 on the main system 60 additional via expansion modules
Electrical	
Input voltage range	9-35 Vdc
Environmental	
Operating temperature	-10°C to +40 °C
Operating humidity	93% relative humidity (non-condensing)
Mechanical	
Main module	107 x 176 x 55 mm
Display module	87 x 108 x 37 mm

Evaluated modules

Description	Identification		Comment
	Number	Rev.	
Main module - Modem PCB	CDCS RTU	Ver 1.02	Fitted with Ericson GM47 GPRS modem
Main module - I/O PCB	CDCS RTU-IO	Ver 1.02	
Display Module PCB	CDCS RTU UI	Ver 1.02	
Display module - LCD	Displaytech 162	-	
Expansion Module	ASE3 UI Breakout	Ver 1.0	

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