



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2466	30-Jun-2011	Number 1	Issue date 30-Jun-2011	31-Dec-2011

Page 1 of 2

Product designation

Cerberus PRO, Model OP720 (Part num.: S54310-F1-A1), photoelectric smoke detector

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

Agent/distributor

Siemens Ltd.
885 Mountain Highway, BAYSWATER, VIC, AUSTRALIA, 3153

Registrant

Siemens Ltd.
885 Mountain Highway, BAYSWATER, VIC, AUSTRALIA, 3153

Producer

Siemens Switzerland Ltd
Gubelstrasse 22, CH-6301, ZURICH, SWITZERLAND

Conformance criteria and evaluation

The Cerberus PRO, Model OP720 (Part num.: S54310-F1-A1), photoelectric smoke detector has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 7240.7-2004, 'Fire detection and alarm systems - Point-type smoke detectors using scattered light, transmitted light or ionization (ISO 7240-7:2003, MOD)'.

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. Compatibility of this fire detector and its base assembly with new or existing control and indicating equipment should be verified prior to installation.

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.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



© CSIRO Australia, 2010

This certificate remains the property of CSIRO and may be subject to amendment, suspension or withdrawal at any time.
The validity and authenticity of this certificate can be verified by the certification register located at <http://www.activfire.gov.au>

Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2466	30-Jun-2011	Number 1	Issue date 30-Jun-2011	31-Dec-2011

Page 2 of 2

Producer's description

The Cerberus PRO, Model OP720 (Part num.: S54310-F1-A1), photoelectric smoke detector has an optoelectronic sampling chamber with two optical emitters, and optical receiver and two thermal sensors.

This product is plug-in compatible with the Siemens DB721 detector base with loop contact. One LED on the sensor pulses as the detector is polled by the associated control and indicating equipment. This LED illuminates red to indicate the alarm status of the device.

Technical specification

The following details are a representative extract of the technical specification for the Cerberus PRO, Model OP720 (Part num.: S54310-F1-A1), photoelectric smoke detector and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Operating voltage	12 to 33 Vdc
Operating temperature	-10 to +50 °C
Storage temperature	-30 to +70 °C
Quiescent current	~220 µA
Ext. alarm indicator	2
Communication protocol	C-NET
Relative humidity	≤ 95 %
Permissible air speed	max. 5 m/s
Color	white, ~RAL 9010

Verified base designation	Base + detector circuit type
Siemens, Model DB721	Addressable