



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2478	30-Jun-2011	Number 1	Issue date 30-Jun-2011	31-Dec-2011

Product designation

Sinteso™ / Cerberus PRO, FDM225 series, manual call points
(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 Building Technologies AG
Bellerivestrasse 36, CH-8088, ZURICH, SWITZERLAND

Conformance criteria and evaluation

The Sinteso™ / Cerberus PRO, FDM225 series, manual call points has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. European Standard EN 54-11(Type A):2001, 'Fire detection and fire alarm systems. Manual call points'.

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 equipment 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



Schedule to Certificate of Conformity

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Producer's description

The Sinteso™ / Cerberus PRO, FDM225 series, manual call points are a component of the Siemens Sinteso and Cerberus PRO portfolios of fire detection products. They are Type A, loop powered, addressable manual call points.

This product is intended for indoor use, but can be used as either a surface mount or flush mount device.

This product are designed to be used in conjunction with a system controller (c.i.e.) to manually initiate a fire alarm by breakage of a replaceable glass frangible element or a resettable plastic element.

The devices incorporate a response indication red LED built into the operating face of the unit. An alarm signal is sent to the loop controller when the frangible or plastic element is displaced, releasing a push button. Replacement of the frangible element or resetting of the plastic element returns the push button into position and the device is returned to its quiescent state.

Technical specification

The following details are a representative extract of the technical specification for the Sinteso™ / Cerberus PRO, FDM225 series, manual call points and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Operating voltage	13 to 33 Vdc
Quiescent current	180 µA
Terminal block	0.28 to 1.5 mm ²
Communication protocol	FDnet / C-NET
Operating temperature	-25 to +70 °C
Storage temperature	-30 to +75 °C
Relative humidity	≤95 % (no condensation)
Dimensions (L x W x H)	87 x 87 x 20 mm
Protection category	IP44
Material	ABS PC ASA
Color	red, ~RAL 3000

Model	Description
Model FDM225-RP	Resettable frangible element, inside use
Model FDM225-RG	Glass frangible element, inside use