



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2874	9-Dec-2013	Number 15	Issue date 3-Apr-2024	30-Apr-2025

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Product designation

Thorn Security, Model MCP 820, indoor, re-settable, Type A, addressable manual call point
(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Johnson Controls Fire Detection Products
Level 3, 37 Dalmore Drive, Carribbean Park, SCORESBY, VIC, AUSTRALIA, 3179

Registrant

Johnson Controls Fire Detection
17 Mary Muller Drive, Hillsborough, Christchurch, NEW ZEALAND, 8022

Producer

Tyco Safety Products
Dunhams Lane, LETCHWORTH, HERTFORDSHIRE, UNITED KINGDOM, SG6 1BE

Conformance criteria and evaluation

The Thorn Security, Model MCP 820, indoor, re-settable, Type A, addressable manual call point 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

Kai Loh

Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Thorn Security, Model MCP 820, indoor, re-settable, Type A, addressable manual call point consists of a switch contact which is operated by breaking the glass sheet. When the callpoint is addressed by the control panel, it signals the condition of this switch contact to the control panel. The LED on the front of the callpoint is normally OFF, until the glass is broken, then it is turned ON until the glass is replaced. In case of any emergency situation, the LED is illuminated in red to indicate the 'ALARM' condition.

The callpoint is resettable, it can be tested at any time with the aid of the callpoint test key provided. Insert the key fully into the bottom of the housing and pull down and remove, to release the bottom of the housing and break glass element. To reset the callpoint, slide the bottom of the housing upwards until it locks in position. If a section of the loop wiring adjacent to the callpoint is shorted, the built in short-circuit isolator trips, isolating the shorted section. The LED is illuminated in yellow to indicate that the isolator is tripped. This status remains until the short is removed.

Technical specification

The following details are a representative extract of the technical specification for the Thorn Security, Model MCP 820, indoor, re-settable, Type A, addressable manual call point and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Material housing	Flame Retardant ABS
Environment	Indoor applications
Operating temperature	-10 to +55°C
Storage temperature	-30 to +70°C
Operating humidity	Up to 95 % non-condensing
Dimensions (HWD)	93 x 89 x 27.5 mm
Weight	110 g (without backbox)
Mounting requirements	Surface/Flush Mounting

Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Certificate No.	166k-(cl-1) Issue 1	MCP820 and MCP820M Manual Call Points EN 54-11: 2001 + A1: 2005 EN 54-17: 2005	13-Jul-2012	LPCB, UK
EC-Certificate of Conformity	0832 – CPD – 1930 Issue 1	MCP820 Indoor surface I flush mounting analogue addressable Type A call point with short circuit isolator for use in fire detection and alarm systems EN 54 - 11: 2001 + A1: 2005 , - Manual call points EN 54 - 17: 2005 - Short circuit isolators	13-Jul-2012	BRE Global Limited
Product information	MZX-D-MCP820- PI Version 1	MCP820 Indoor Addressable Break Glass Callpoint	2-May 2012	Thorn Security, UK