

Certificate of Product Approval

Certificate Number: 681b-(cl-1)

Issue: 11

Tyco Fire & Security GmbH

Victor Von Bruns-Strasse 21
Neuhausen am Rheinfall
Schaffhausen
8212
Switzerland



is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Multisensor Detectors

830PC (516.830.054)
840PH
830PH (516.830.051)
FC460PC
FC460PH
4098-6257
835PH (516.835.051)
835PC (516.835.054)
(refer to Appendix for details)

Standards

EN 54-5:2017 + A1:2018
EN 54-7:2018
CEA 4021:2003

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

P Halligan

Verifier

18 January 2024

Date of Issue

6 March 2009

Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.



Appendix to Certificate No: 681b-(cl-1)

Issue: 11

Tyco Fire & Security GmbH

Certified Product	Description	LPCB Ref.No.
830PC (516.830.054)	<p>MX Digital Addressable Photoelectric Smoke, Category P Heat and Carbon Monoxide Detector (4B, 4B-C, 4B-I, and 5B bases)</p> <p>Notes:</p> <ol style="list-style-type: none"> Approved with the following mode configurations: - <ul style="list-style-type: none"> UNIV Universal optical smoke, A2S heat, and CO multi-criteria detector RESIL Resilient optical smoke, A2S heat and CO multi-criteria detector Heat detector at Category A1R HPO Heat enhanced optical smoke detector at Normal sensitivity The Carbon Monoxide toxic gas/CCO/CCO+A1R modes and the CO sensor are not approved independently. Also available in the following coloured housings: <ul style="list-style-type: none"> Orange semi-gloss (517.050.502) Yellow gloss (517.050.503) Green matt (517.050.504) Red matt (517.050.505) Brown matt (517.050.506) Blue gloss (517.050.507) Pink gloss (517.050.508) Silver metallic (517.050.509) Gold metallic (517.050.510) Black matt (517.050.511) 	681b/03
840PH	<p>MX Digital Addressable Photoelectric Smoke and Category P Heat Detector (4B, 4B-C, 4B-I, and 5B bases)</p> <p>Note:</p> <p>Approved with the following mode configurations: -</p> <ul style="list-style-type: none"> Heat detector at Category A1R Heat detector at Category A2S 	681b/04

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan

Verifier

18 January 2024

Date of Issue

6 March 2009

Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.




Appendix to Certificate No: 681b-(cl-1)

Issue: 11

Tyco Fire & Security GmbH

Certified Product	Description	LPCB Ref.No.
	<ul style="list-style-type: none"> - OPT Optical smoke detector at High, Normal and Low sensitivity - FL OPT Optical smoke detector at High, Normal and Low sensitivity using FastLogic - HPO Heat enhanced optical smoke at High, Normal and Low sensitivity - FL HPO Heat enhanced optical smoke at High, Normal and Low sensitivity using FastLogic. 	
830PH (516.830.051)	<p>MX Digital Addressable Photoelectric Smoke and Category P Heat Detector (4B, 4B-C, 4B-I, and 5B bases)</p> <p>Notes:</p> <p>1. Approved with the following mode configurations: -</p> <ul style="list-style-type: none"> - Heat detector at Category A1R - Heat detector at Category A2S - OPT Optical smoke detector at High, Normal and Low sensitivity - FL OPT Optical smoke detector at High, Normal and Low sensitivity using FastLogic - HPO Heat enhanced optical smoke at High, Normal and Low sensitivity - FL HPO Heat enhanced optical smoke at High, Normal and Low sensitivity using FastLogic. <p>2) Also available in the following coloured housings:</p> <ul style="list-style-type: none"> - Orange semi-gloss (517.050.502) - Yellow gloss (517.050.503) - Green matt (517.050.504) - Red matt (517.050.505) - Brown matt (517.050.506) - Blue gloss (517.050.507) - Pink gloss (517.050.508) - Silver metallic (517.050.509) - Gold metallic (517.050.510) 	681b/05

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan

Verifier

18 January 2024

Date of Issue

6 March 2009

Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.



Appendix to Certificate No: 681b-(cl-1)

Issue: 11

Tyco Fire & Security GmbH

Certified Product	Description	LPCB Ref.No.
	- Black matt (517.050.511)	
4098-6257	Simplex Digital Addressable Photo / Heat 830 Series Sensor (4098-5272 base) Notes: 1) Approved with the following mode configurations: - - Heat detector at Category A1R - Heat detector at Category A2S - OPT Optical smoke detector at High, Normal and Low sensitivity - FL OPT Optical smoke detector at High, Normal and Low sensitivity using FastLogic - HPO Heat enhanced optical smoke at High, Normal and Low sensitivity - FL HPO Heat enhanced optical smoke at High, Normal and Low sensitivity using FastLogic.	681b/05
FC460PH	FireClass Digital Addressable Photoelectric Smoke and Category P Heat Detector (4B, 4B-C, 4B-I, and 5B bases) Notes: 1) Approved with the following mode configurations: - - Heat detector at Category A1R - Heat detector at Category A2S - OPT Optical smoke detector at High, Normal and Low sensitivity - FL OPT Optical smoke detector at High, Normal and Low sensitivity using FastLogic - HPO Heat enhanced optical smoke at High, Normal and Low sensitivity - FL HPO Heat enhanced optical smoke at High, Normal and Low sensitivity using FastLogic.	681b/06
FC460PC	FireClass Digital Addressable Photoelectric Smoke, Category P Heat and Carbon Monoxide Detector (4B, 4B-C, 4B-I, and 5B bases) Notes:	681b/07

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan
Verifier

18 January 2024
Date of Issue

6 March 2009
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.



Appendix to Certificate No: 681b-(cl-1)

Issue: 11

Tyco Fire & Security GmbH

Certified Product	Description	LPCB Ref.No.
	1) Approved with the following mode configurations: - - UNIV Universal optical smoke, A2S heat, and CO multi-criteria detector - RESIL Resilient optical smoke, A2S heat and CO multi-criteria detector - Heat detector at Category A1R - HPO Heat enhanced optical smoke detector at Normal sensitivity 2) The Carbon Monoxide toxic gas/CCO/CCO+A1R modes and the CO sensor are not approved independently.	
835PH (516.835.051)	Photo Heat Detector (4B, 5B, 4B-I, 4B-C bases) Notes: 1) Approved with the following mode configurations: - - Heat detector at Category A1R - Heat detector at Category A2S - OPT Optical smoke detector at High, Normal and Low sensitivity - FL OPT Optical smoke detector at High, Normal and Low sensitivity using FastLogic - HPO Heat enhanced optical smoke at High, Normal and Low sensitivity - FL HPO Heat enhanced optical smoke at High, Normal and Low sensitivity using FastLogic 2) Also available in the following coloured housing: - Black matt (517.051.511)	681b/08
835PC (516.835.054)	3oTec Triple Sensor Detector (Smoke, Heat and CO) (4B, 5B, 4B-I, 4B-C bases) Notes: 1) Approved with the following mode configurations: - - UNIV Universal optical smoke, A2S heat, and CO multi-criteria detector - RESIL Resilient optical smoke, A2S heat and CO multi-criteria detector - Heat detector at Category A1R - HPO Heat enhanced optical smoke detector at Normal sensitivity	681b/09

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan

Verifier

18 January 2024

Date of Issue

6 March 2009

Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
 T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.



Appendix to Certificate No: 681b-(cl-1)

Issue: 11

Tyco Fire & Security GmbH

Certified Product	Description	LPCB Ref.No.
	<p>2) The Carbon Monoxide toxic gas/CCO/CCO+A1R modes and the CO sensor are not approved independently.</p> <p>3) Also available in the following coloured housing: - Black matt (517.051.511)</p>	

Bases

4B	4" universal mounting base
4B-C	4" continuity base
4B-I	4" isolator base
5B	5" universal mounting base
4098-5272	Standard 4IN Detector Base

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan

Verifier

18 January 2024

Date of Issue

6 March 2009

Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.


