

Certificate of Product Approval

Certificate Number: 681av-(cl-2)

Issue: 01

Tyco Fire & Security GmbH

Victor Von Bruns-Strasse 21
8212 Neuhausen am Rheinfall
Schaffhausen
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

Fire Detection and Alarm Systems

FireClass Fire Detection and Alarm System
(refer to Appendix for details)

Standards

EN 54-13:2005

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

Eman Mattie-Suleiman

Verifier

22 August 2019

Date of Issue

22 August 2019

Date of First Issue



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Appendix to Certificate No: 681av-(cl-2)

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Certified Product	Description	LPCB Ref.No.
FireClass Profile Fire Detection and Alarm System	<p><u>The FireClass Fire Detection and Alarm System comprises of the following:</u></p> <p><u>FireClass Control and Indicating Equipment</u></p> <p>FC702S 1-2 Loops Analogue Addressable Control & Indicating Equipment, Shallow Housing</p> <p>FC702D 1-2 Loops Analogue Addressable Control & Indicating Equipment, Deep Housing</p> <p>FC718D 4-8 Loops Analogue Addressable Control & Indicating Equipment</p> <p>FC708D 4-8 Loops Analogue Addressable Control & Indicating Equipment</p> <p><u>Commercial Detectors</u></p> <p>FC460P MX Digital Addressable Photoelectric Smoke Detector</p> <p>FC460H MX Digital Addressable Class P Heat Detector</p> <p>FC460PH MX Digital Addressable Photoelectric Smoke and Class P Heat Detector</p> <p>FC460PC MX Digital Addressable Photoelectric Smoke, Class P Heat and Carbon Monoxide Detector</p> <p>VESDA VLC-800 High Sensitivity Aspirating Smoke Detector</p> <p>VESDA VLF-250 High Sensitivity Aspirating Smoke Detector</p> <p>VESDA VLF-500 High Sensitivity Aspirating Smoke Detector</p> <p>VESDA VLP High Sensitivity Aspirating Smoke Detector</p> <p>VESDA VLS High Sensitivity Aspirating Smoke Detector</p> <p>VESDA Laser Industrial High Sensitivity Aspirating Smoke Detector</p>	681av/01

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Certified Product	Description	LPCB Ref.No.
Manual Call Points		
FC420CP-I	Indoor Surface/Flush Mounting Analogue Addressable Type A Call Point with Short Circuit Isolator	
FC421CP-I	Outdoor Surface Mounting Analogue Addressable Type A Call Point with Short Circuit Isolator	
Alarm Warning Devices		
FC410LPSY	Symphoni MX Addressable Loop Powered Type B Sounder (Red) with Short Circuit Isolator	
FC410LPSYR	Symphoni MX Addressable Loop Powered Type A Sounder (Red) with Short Circuit Isolator	
FC410LPSYW	Symphoni MX Addressable Loop Powered Type A Sounder (White) with Short Circuit Isolator	
FC410LPAV	Symphoni MX Addressable Loop Powered Type B Sounder Beacon (Red) with Short Circuit Isolator	
FC410LPAVR	Symphoni MX Addressable Loop Powered Type B Sounder Beacon (Red) with Short Circuit Isolator	
FC410LPAVW	Symphoni MX Addressable Loop Powered Type B Sounder Beacon (White) with Short Circuit Isolator	
FC410LPBSR	L/P Beacon Symphoni Type A Sounder with Short Circuit Isolator - Red Housing	
FC410LPBSW	L/P Beacon Symphoni Type A Sounder with Short Circuit Isolator - White Housing	
FC410LPBS-LP	Beacon Symphoni Type B Sounder IP65, Red Housing with Short Circuit Isolator	
FC430LPBS-LP	Loop Powered Beacon Sounder Base with Short Circuit Isolator (Type A Mounting Flange)	

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Certified Product	Description	LPCB Ref.No.
FC440AVW	FireClass Addressable Type A Indoor Wall Sounder Beacon VAD with Short Circuit Isolator, White Housing	
FC440AVR	FireClass Addressable Type A Indoor Wall Sounder Beacon VAD with Short Circuit Isolator, Red Housing	
FC440AVB	FireClass Addressable Type A Indoor Base Sounder Beacon VAD Standard Power with Short Circuit Isolator, Clear Housing	
FC441AVB	FireClass Addressable Type A Base Sounder Beacon VAD High Power with Short Circuit Isolator, Clear Housing	
FC440SB	FireClass Addressable Type A Indoor Base Sounder with Short Circuit Isolator, White Housing	
FC440AIB with	FireClass Addressable Type A Indoor Base Sounder Beacon VID Short Circuit Isolator (Red Flash), Clear Housing	
FC440SW	FireClass Addressable Type A Wall Sounder with Short Circuit Isolator, White Housing	
FC440SR Circuit	FireClass Addressable Type A Indoor Wall Sounder with Sort Isolator, Red Housing	
FC440AIW with	FireClass Addressable Type A Indoor Wall Sounder Beacon VID Short Circuit Isolator, White Housing	
FC440AIR with	FireClass Addressable Type A Indoor Wall Sounder Beacon VID Short Circuit Isolator, Red Housing	
FC445SR	FireClass Addressable Type B Outdoor Wall Sounder IP with Short Circuit Isolator, Red Housing	
FC445AIR IP	FireClass Addressable Type B Outdoor Wall Sounder Beacon VID with Short Circuit Isolator, Red Housing	
FC440DSB	FireClass Type A Indoor Detector Base Sounder, White Housing	
FC445CAV	FireClass Addressable Type B Outdoor Wall Sounder Beacon VAD BC with Short Circuit Isolator, Red Housing	

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Certified Product	Description	LPCB Ref.No.
FC440CAVB	Addressable Type A Indoor Base Sounder Beacon VAD BC with Short Circuit Isolator, Clear housing	
FC445AVR	Addressable Type B Outdoor Wall Sounder Beacon VAD Weatherproof with Short Circuit Isolator, Red Housing	
Line Units		
FC410RIM	Relay Interface Module	
FC410MIM	Mini Input Module	
FC410CIM	Contact Input Module	
FC410MIO	Small Addressable Multi Input/Output Module	
FC410QIO	Quad Input/Output Module with Short Circuit isolator	
FC410QRM	Quad Relay Module with Short Circuit Isolator	
FC410QMO	Quad Monitored Output Module with Short Circuit Isolator	
FC410BDM	Loop Powered Beam Detector Interface Module	
FC410SNM	Sounder Notification Module	
Bases		
4B-I	Short Circuit Isolator Base	
FC430SB	Analogue Addressable Type A Sounder Base	
Notes:		
1)	For further information on each individual product including approved sensitivities, heat classification, sounder tones etc., refer to model reference number(s) in the appropriate section of the RedBook or on www.redbooklive.com .	

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	2) For further information on each transmission path compatibility and connectability refer to the manufacturers "EN54-13 Manual for profile panels" document ref: FC-FC700-SYS-EN54/13.	

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