

## Certificate of Product Approval

Certificate Number: 681ar-(cl-1)

Issue: 02

### Tyco Fire & Security GmbH

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



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 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 LPCB

M McCullagh

Verifier

17 May 2016

Date of Issue

01 April 2015

Date of First Issue



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## Appendix to Certificate No: 681ar-(cl-1) Tyco Fire & Security GmbH

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Certified Product	Description	LPCB Ref.No.
FireClass Fire Detection System	<b><u>Commercial Detectors</u></b>	681ar/01
	FC460P Digital Addressable Photoelectric Smoke Detector (4B, 4B-I and 5B)	
	FC460PH Digital Addressable Photoelectric Smoke and Class P Heat Detector (4B, 4B-I and 5B bases)	
	FC460PC Digital Addressable Photoelectric Smoke, Class P Heat and Carbon Monoxide Detector (4B, 4B-I and 5B bases)	
	FC460H Digital Addressable Class P Heat Detector (4B, 4-BI and 5B bases)	
	<b><u>Manual Call Points</u></b>	
	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	
	<b><u>Line Units</u></b>	
	4B-I Short Circuit Isolator Base	
	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	
	FC410CIM Contact Input Module	
	FC410DIM Detector Input Module	
	FC410RIM Relay Interface Module	
	FC410MIM Mini Input Module	
	FC410SNM Sounder Notification Module	
	FC410MIO Mini Input/Output Module	
	FC410BDM Beam Detector Interface Module	
FC410DDM Detector Driver Module		

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Certified Product	Description	LPCB Ref.No.
<b><u>Alarm Warning Devices</u></b>		
FC410LPSYR	Addressable Loop Powered Type A Sounder (Red) with Short Circuit Isolator	
FC410LPSYW	Addressable Loop Powered Type A Sounder (White) with Short Circuit Isolator	
FC410LPSY	Addressable Loop Powered Type B Sounder (Red) with Short Circuit Isolator	
FC410LPAVR	Addressable Loop Powered Type A Sounder Beacon (Red) with Short Circuit Isolator	
FC410LPAVW	Addressable Loop Powered Type A Sounder Beacon (White) with Short Circuit Isolator	
FC410LPAV	Addressable Loop Powered Type B Sounder Beacon (Red) with Short Circuit Isolator	
FC430LPASB	Loop Powered Sounder Beacon Base with Short Circuit Isolator	
FC430LPSB	Loop Powered Sounder Base with Short Circuit Isolator	
FC430SB	Analogue Addressable Type A Sounder Base	
<b><u>Visual Alarm Devices</u></b>		
FC410LPBS-R	Loop Powered Type A Beacon Sounder with Short Circuit Isolator	
FC410LPBS-W	Loop Powered Type A Beacon/Sounder with Short Circuit Isolator	
FC410LPBS LP	Loop Powered Type B Beacon/Sounder with Short Circuit Isolator	
FC430LPBSB LP	Loop Powered Beacon Sounder Base with Short Circuit Isolator	

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Certified Product	Description	LPCB Ref.No.
<b><u>Control and Indicating Equipment</u></b>		
FC32-1	FireClass (557.200.701) Analogue Addressable Control and Indicating Equipment, 1 Loop, 32 Zone	
FC64-2	FireClass (557.200.702) Analogue Addressable Control and Indicating Equipment, 2 Loop, 64 Zone	
FC64-4	FireClass (557.200.703) Analogue Addressable Control and Indicating Equipment, 4 Loop, 64 Zone	
FC240-2	FireClass (557.200.704) Analogue Addressable Control and Indicating Equipment, 2 Loop, 240 Zone	
FC240-4	FireClass (557.200.705) Analogue Addressable Control and Indicating Equipment, 4 Loop, 240 Zone	
<b>General Note:</b>		
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 <a href="http://www.redbooklive.com">www.redbooklive.com</a>		

### Bases

- 4B Universal Mounting Base
- 4B-l Isolator Base
- 5B Standard Mounting Base

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