

## Certificate of Product Approval

Certificate Number: 681av-(cl-1)

Issue: 04

### 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**  
Zettler Profile 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

19 February 2019

Date of Issue

22 June 2017

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## Appendix to Certificate No: 681av-(cl-1)

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Certified Product	Description	LPCB Ref.No.
Zettler Profile Fire Detection and Alarm System	<p><b><u>The Zettler Profile Fire Detection and Alarm System comprises of the following:</u></b></p> <p><b><u>Zettler Profile Control and Indicating Equipment</u></b></p> <p>Pro16xD with Pro16xBB</p> <p>Pro16xD      4-16 Loops Analogue Addressable Control &amp; Indicating Equipment</p> <p>Pro16xBB      4-16 Loops Analogue Addressable Control &amp; Indicating Equipment (Black Box)</p> <p>Pro32xD with Pro32xBB</p> <p>Pro32xD      4-32 Loops Analogue Addressable Control &amp; Indicating Equipment</p> <p>Pro32xBB      4-32 Loops Analogue Addressable Control &amp; Indicating Equipment (Black Box)</p> <p><b><u>Profile Flexible Control and Indicating Equipment</u></b></p> <p>Pro215S      1-2 Loops Analogue Addressable Control &amp; Indicating Equipment, Shallow Housing</p> <p>Pro215D      1-2 Loops Analogue Addressable Control &amp; Indicating Equipment, Deep Housing</p> <p>Pro815D      4-8 Loops Analogue Addressable Control &amp; Indicating Equipment</p> <p>Pro885D      4-8 Loops Analogue Addressable Control &amp; Indicating Equipment</p> <p>Pro815D-CH   4-8 Loops Analogue Addressable Control &amp; Indicating Equipment</p>	681av/01

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Certified Product	Description	LPCB Ref.No.
	<b><u>The Zettler Profile CIE may be connected to the following Equipment and devices:</u></b>	
	<b>Control and Indicating Equipment via MX Network</b>	
MX4000	2-8 Loop Analogue Addressable Control and Indicating Equipment	
MZX-250	Analogue Addressable Control and Indicating Equipment, 1 loop, 32 Zone	
MZX-251	Analogue Addressable Control and Indicating Equipment 1 Loop, 32 Zone	
MZX-252	Analogue Addressable Control and Indicating Equipment 2 Loop, 32 Zone	
MZX-253	Analogue Addressable Control and Indicating Equipment 2-4 Loop, 64 Zone	
MZX-254	Analogue Addressable Control and Indicating Equipment 2-4 Loop, 240 Zone	
	<b>Commercial Detectors</b>	
830P	MX Digital Addressable Photoelectric Smoke Detector	
840P	MX Digital Addressable Photoelectric Smoke Detector	
850P	MX digital Addressable Photoelectric Smoke Detector with Short Circuit Isolator	
830H	MX Digital Addressable Class P Heat Detector	
840H	MX Digital Addressable Class P Heat Detector	
850H	MX Digital Addressable Class P Heat Detector with Short Circuit Isolator	
830PH	MX Digital Addressable Photoelectric Smoke and Class P Heat Detector	

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Certified Product	Description	LPCB Ref.No.
840PH	MX Digital Addressable Photoelectric Smoke and Class P Heat Detector	
850PH	MX Digital Addressable Photoelectric Smoke and Class P Heat Detector with Short Circuit Isolator	
851PH	MX Digital Addressable Photoelectric Smoke and Class P Heat Detector with Short Circuit Isolator [Marine Version]	
830PC	MX Digital Addressable Photoelectric Smoke, Class P Heat and Carbon Monoxide Detector	
840PC	MX Digital Addressable Photoelectric Smoke, Class P Heat and Carbon Monoxide Detector	
850PC	MX Digital Addressable Photoelectric Smoke, Class P Heat and Carbon Monoxide Detector with Short Circuit Isolator	
851PCN	MX Digital Addressable Photoelectric Smoke, Class P Heat and Carbon Monoxide Detector with Short Circuit Isolator	
851PHN	MX Digital Addressable Photoelectric Smoke and Class P Heat Detector with Short Circuit Isolator	
801F	MX Addressable Class 2 Flame Detector	
801FEX	Conventional Class 2 Intrinsically Safe Flame Detector	
VESDA VLC-800	High Sensitivity Aspirating Smoke Detector	
VESDA VLF-250	High Sensitivity Aspirating Smoke Detector	
VESDA VLF-500	High Sensitivity Aspirating Smoke Detector	
VESDA VLP	High Sensitivity Aspirating Smoke Detector	
VESDA VLS	High Sensitivity Aspirating Smoke Detector	
VESDA Laser Industrial	High Sensitivity Aspirating Smoke Detector	

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Certified Product	Description	LPCB Ref.No.
<b>Manual Call Points</b>		
MCP820	Indoor Surface/Flush Mounting Analogue Addressable Type A Call Point with Short Circuit Isolator	
MCP830	Outdoor Surface Mounting Analogue Addressable Type A Call Point with Short Circuit Isolator	
<b>Alarm Warning Devices</b>		
LPSY865	Symphoni MX Addressable Loop Powered Type B Sounder (Red) with Short Circuit Isolator	
LPSY800-R	Symphoni MX Addressable Loop Powered Type A Sounder (Red) with Short Circuit Isolator	
LPSY800-W	Symphoni MX Addressable Loop Powered Type A Sounder (White) with Short Circuit Isolator	
LPAV865	Symphoni MX Addressable Loop Powered Type B Sounder Beacon (Red) with Short Circuit Isolator	
LPAV800-R	Symphoni MX Addressable Loop Powered Type B Sounder Beacon (Red) with Short Circuit Isolator	
LPAV800-W	Symphoni MX Addressable Loop Powered Type B Sounder Beacon (White) with Short Circuit Isolator	
LPBS800-R	L/P Beacon Symphoni Type A Sounder with Short Circuit Isolator - Red Housing	
LPBS800-W	L/P Beacon Symphoni Type A Sounder with Short Circuit Isolator - White Housing	
LPBS865 LP	Beacon Symphoni Type B Sounder IP65, Red Housing with Short Circuit Isolator	
LPBS3000	Loop Powered Beacon Sounder Base with Short Circuit Isolator (Type A Mounting Flange)	

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Certified Product	Description	LPCB Ref.No.
P80AVW	Zettler Addressable Type A Indoor Wall Sounder Beacon VAD with Short Circuit Isolator, White Housing	
P80AVR	Zettler Addressable Type A Indoor Wall Sounder Beacon VAD with Short Circuit Isolator, Red Housing	
P80AVB	Zettler Addressable Type A Indoor Base Sounder Beacon VAD Standard Power with Short Circuit Isolator, Clear Housing	
P81AVB	Zettler Addressable Type A Base Sounder Beacon VAD High Power with Short Circuit Isolator, Clear Housing	
P80SB	Zettler Addressable Type A Indoor Base Sounder with Short Circuit Isolator, White Housing	
P80AIB	Zettler Addressable Type A Indoor Base Sounder Beacon VID with Short Circuit Isolator (Red Flash), Clear Housing	
P80SW	Zettler Addressable Type A Wall Sounder with Short Circuit Isolator, White Housing	
P80SR	Zettler Addressable Type A Indoor Wall Sounder with Sort Circuit Isolator, Red Housing	
P80AIW	Zettler Addressable Type A Indoor Wall Sounder Beacon VID with Short Circuit Isolator, White Housing	
P80AIR	Zettler Addressable Type A Indoor Wall Sounder Beacon VID with Short Circuit Isolator, Red Housing	
P85SR	Zettler Addressable Type B Outdoor Wall Sounder IP with Short Circuit Isolator, Red Housing	
P85AIR	Zettler Addressable Type B Outdoor Wall Sounder Beacon VID IP with Short Circuit Isolator, Red Housing	
80DSB	Zettler Type A Indoor Detector Base Sounder, White Housing	

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<b>Line Units</b>		
RIM800	Relay Interface Module	
MIM800	Mini Input Module	
CIM800	Contact Input Module	
MIO800	Small Addressable Multi Input/Output Module	
QIO850	Quad Input/Output Module with Short Circuit Isolator	
QRM850	Quad Relay Module with Short Circuit Isolator	
QMO850	Quad Monitored Output Module with Short Circuit Isolator	
BDM800	Loop Powered Beam Detector Interface Module	
SNM800	Sounder Notification Module	
LAV800	Extinguishing Input Module	
HVR800	High Voltage Relay Module	
<b>Power Supplies</b>		
PSU-A17	Addressable 17Ah Power Supply Unit	
PSU-A38	Addressable 38Ah Power Supply Unit	
<b>Bases</b>		
4B-I	Short Circuit Isolator Base	
802SB	Analogue Addressable Type A Sounder Base	
<b>Notes:</b>		
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 <a href="http://www.redbooklive.com">www.redbooklive.com</a> .	

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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: PROFILE-PRO-SYS-EN54-13 Version 1.1 dated 18 <sup>th</sup> May 2017.	

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