

## Certificate of Product Approval

Certificate Number: 544b

Issue: 02

### Advanced Electronics Limited

34 Moorland Way  
Nelson Park  
Cramlington, Northumberland  
NE23 1WE  
United Kingdom



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

##### Control and Indicating Equipment

QuickZone  
QuickZone XL  
QuickZone XL 16-32

#### Standards

EN 54-2:1997 + A1:2006  
EN 54-4:1997 + A1:2002 + A2:2006

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

Eman Mattie-Suleiman  
Verifier

12 August 2016  
Date of Issue

20 December 2013  
Date of First Issue



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## Appendix to Certificate No: 544b Advanced Electronics Limited

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Certified Product	Description	LPCB Ref.No.
QuickZone	<p>2 and 4 Zone Conventional Control and Indicating Equipment</p> <p>QuickZone 2 (QZ-2) Incorporating as modular units:</p> <p>TPC A01 QuickZone 2 (QZ-2) main PCB applicable on 2 zone CIE only TPC A02 QuickZone LED display PCB PSM1.5 – 24 Power supply 1.5A rated</p> <p>Certified with the following options with requirements from EN 54 Part 2:</p> <p>7.8 Output to fire alarm devices 7.12.1 Dependence on more than one alarm signal (Type A) 10 Test Condition</p> <p>QuickZone 4 (QZ-4) Incorporating as modular units:</p> <p>TPC A01 QuickZone 4 (QZ-4) main PCB applicable on 4 zone CIE only TPC A02 QuickZone LED display PCB PSM1.5 – 24 Power supply 1.5A rated</p> <p>Certified with the following options with requirements from EN 54 Part 2:</p> <p>7.8 Output to fire alarm devices 7.12.1 Dependence on more than one alarm signal (Type A)</p>	544b/01

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Certified Product	Description	LPCB Ref.No.
	<p>10 Test Condition</p> <p>Note:</p> <p>1. This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN 54-13.</p>	
QuickZone XL	<p>4, 8 and 12 Zone Conventional Control and Indicating Equipment</p> <p>QuickZone XL 4 Conventional Control Panel (QZXL-4) Incorporating as modular units: TPCA01-X4 QuickZone XL 4 Zone Main PCB TPCA03 QuickZone XL Display Board PSM3.0-24 Power Supply</p> <p>QuickZone XL 8 Conventional Control Panel (QZXL-8) Incorporating as modular units: TPCA01-X4 QuickZone XL 4 Zone Main PCB TPCA03 QuickZone XL Display Board QZXL-ZEC QuickZone XL Standard 4 Zone Extension Board PSM3.0-24 Power Supply</p> <p>QuickZone XL 8 Conventional Control Panel (QZXL-8HS) Incorporating as modular units: TPCA01-X4 QuickZone XL 4 Zone Main PCB TPCA03 QuickZone XL Display Board QZXL-HSZEC QuickZone XL High Spech 4 Zone Extension Board PSM3.0-24 Power Supply</p>	544b/02

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Certified Product	Description	LPCB Ref.No.
	<p>QuickZone XL 12 Conventional Control Panel (QZXL-12)                      TPCA01-X4 QuickZone XL 4 Zone Main PCB                      TPCA03 QuickZone XL Display Board                      QZXL-ZEO QuickZone XL Standard 4 Zone Extension Board                      QZXL-ZEC QuickZone XL High Spec 4 Zone Extension Board                      PSM3.0-24 Power Supply</p> <p>QuickZone XL 12 Zone Conventional Control Panel (QZXL-12HS)                      TPCA01-X4 QuickZone XL 4 Zone Main PCB                      TPCA03 QuickZone XL Display Board                      QZXL-HSZEC Two QuickZone XL Standard 4 Zone Extension Board                      PSM3.0-24 Power Supply</p> <p>Certified with the following options with requirements from EN 54 Part 2:</p> <p>7.8 Output to fire alarm devices                      7.11 Delays to outputs                      7.12.1 Dependence on more than one alarm signal (Type A)                      7.12.2 Dependence on more than one alarm signal (Type B)                      7.12.3 Dependence on more than one alarm signal (Type C)                      10 Test Condition</p> <p>Note:                      This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN 54-13.</p>	

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Certified Product	Description	LPCB Ref.No.
QuickZone XL 16-32	<p>16, 24 and 32 Zone Conventional Control and Indicating Equipment</p> <p>QuickZone XL16 (QZXL-16) 16 Zone Conventional Control Panel</p> <p>Incorporating as modular units:</p> <p>TPCA10 32 Zone LED display PCB                      TPCA11-16 16 Zone Main PCB                      TPCA12 Power supply PCB</p> <p>and as optional modules</p> <p>TPCR01 Relay PCB                      TPCR03 Isolate Switch PCB                      TPCA09 Sounder Card PCB                      TPCA08 Output Card PCB                      TPCA05 XLEN Communications Board</p> <p>QuickZone XL24 (QZXL-24) 24 Zone Conventional Control Panel</p> <p>Incorporating as modular units:</p> <p>TPCA10 32 Zone LED display PCB                      TPCA11-24 24 Zone Main PCB                      TPCA12 Power supply PCB</p> <p>and as optional modules</p>	544b/03

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Certified Product	Description	LPCB Ref.No.
	TPCR01 Relay PCB TPCR03 Isolate Switch PCB TPCA09 Sounder Card PCB TPCA08 Output Card PCB TPCA05 XLEN Communications Board  QuickZone XL32 (QZXL-32) 32 Zone Conventional Control Panel  Incorporating as modular units:  TPCA10 32 Zone LED display PCB TPCA11-32 32 Zone Main PCB TPCA12 Power supply PCB  and as optional modules TPCR01 Relay PCB TPCR03 Isolate Switch PCB TPCA09 Sounder Card PCB TPCA08 Output Card PCB TPCA05 XLEN Communications Board  Certified with the following options with requirements from EN 54 Part 2:  7.8 Output to fire alarm devices 7.9.1 Output to fire alarm routing equipment 7.11 Delays to outputs	

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Certified Product	Description	LPCB Ref.No.
	7.12.1 Dependence on more than one alarm signal (Type A)	
	7.12.2 Dependence on more than one alarm signal (Type B)	
	7.12.3 Dependence on more than one alarm signal (Type C)	
	10 Test condition	
	Note: 1. This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN 54-13.	

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