

Certificate of Product Approval

Certificate Number: 199n-(cl-2)

Issue: 02

Life Safety Distribution GmbH, System Sensor Europe

Javastrasse 2
CH-8604
Hegnau
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

Heat Detectors

ECO1005, ECO1005T, 5351E, 4351E, ECO1004T,
Vision 2020F, Vision 2020HF, Vision 2020R, 5351TE,
52051RE, 52051HTE, 52051E, ECO1004TABL,
ECO1005ABL, ECO1005TABL
(refer to Appendix for details)

Standards

EN 54-5:2000 + A1:2002

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

21 March 2019

Date of Issue

26 July 2018

Date of First Issue



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Appendix to Certificate No: 199n-(cl-2)

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Certified Product	Description	LPCB Ref.No.
ECO1005	Class A1R Conventional Thermal Detector (ECO1000B, ECO1000BSD, ECO1000BR, ECO1000BRSD, ECO1000BR680, ECO1000BR680SD, ECO1000BR1000, ECO1000BR1000SD, ECO1000DB, ECO1000DBR and ECO1000DBRSD, ECO1000BREL12L, ECO1000BREL12NL and ECO1000BREL24L bases)	199n/01
ECO1005T	Class A2S Conventional Fixed Temperature Detector (ECO1000B, ECO1000BSD, ECO1000BR, ECO1000BRSD, ECO1000BR680, ECO1000BR680SD, ECO1000BR1000, ECO1000BR1000SD, ECO1000DB, ECO1000DBR and ECO1000DBRSD, ECO1000BREL12L, ECO1000BREL12NL and ECO1000BREL24L bases)	199n/06
5351E	Class A1R Conventional Rate Of Rise Heat Detector (B401, B401R, B401SD, B401RSD, B401DG, B401DGR, B401DGSD and B401DGRSD bases)	199n/07
4351E	Class BS Conventional Heat Detector (B401, B401R, B401SD, B401RSD, B401DG, B401DGR, B401DGSD and B401DGRSD bases)	199n/08
ECO1004T	Class BS Conventional High Temperature Heat Detector (ECO1000DB, ECO1000DBR, ECO1000DBRSD, ECO1000B, ECO1000BSD, ECO1000BR, ECO1000BRSD, ECO1000BR680, ECO1000BR680SD, ECO1000BR1000 and ECO1000BR1000SD, ECO1000BREL12L, ECO1000BREL12NL and ECO1000BREL24L bases)	199n/09
Vision 2020F	Class A2S Conventional Fixed Temperature Heat Detector (2020B, 2020DB, 2020BSD and 2020DBSD bases)	199n/10
Vision 2020HF	Class BS Conventional Fixed Temperature Heat Detector (2020B, 2020DB, 2020BSD and 2020DBSD bases)	199n/11
Vision 2020R	Class A1R Conventional Rate Of Rise Heat Detector (2020B, 2020DB, 2020BSD and 2020DBSD bases)	199n/12
5351TE	Conventional Class A2S Fixed Temperature Heat Detector (B401, B401R, B401SD, B401RSD, B401DG, B401DGR, B401DGSD and B401DGRSD bases)	199n/14

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Certified Product	Description	LPCB Ref.No.
52051RE	Analogue Addressable Class A1R Rate Of Rise Heat Detector (B501AP, B524IEFT-1 and B524HTR bases)	199n/15
52051HTE	Analogue Addressable Class BS Fixed Temperature Heat Detector (B501AP, B524IEFT-1 and B524HTR bases)	199n/16
52051E	Analogue Addressable Class A1S Fixed Temperature Heat Detector (B501AP, B524IEFT-1 and B524HTR bases)	199n/17
ECO1004TABL	Class BS Conventional High Temperature Heat Detector (ECO1000DB, ECO1000DBR, ECO1000DBRSD, ECO1000B, ECO1000BSD, ECO1000BR, ECO1000BRSD, ECO1000BR680, ECO1000BR680SD, ECO1000BR1000 & ECO1000BR1000SD bases)	199n/18
ECO1005ABL	Class A1R Conventional Thermal Detector (ECO1000DB, ECO1000DBR, ECO1000DBRSD, ECO1000B, ECO1000BSD, ECO1000BR, ECO1000BRSD, ECO1000BR680, ECO1000BR680SD, ECO1000BR1000 & ECO1000BR1000SD bases)	199n/19
ECO1005TABL	Class A2S Conventional Fixed Temperature Heat Detector (ECO1000DB, ECO1000DBR, ECO1000DBRSD, ECO1000B, ECO1000BSD, ECO1000BR, ECO1000BRSD, ECO1000BR680, ECO1000BR680SD, ECO1000BR1000 & ECO1000BR1000SD bases)	199n/20

Bases

B501AP	Intelligent detector base
B524IEFT-1	Analogue short circuit isolator base
B524HTR	Heater base
ECO1000B	Standard base
ECO1000BSD	Standard base with schottky diode
ECO1000BRSD	Standard base, 470 ohm resistor and schottky diode
ECO1000BR680	Standard base, 680 ohm resistor
ECO1000BR680SD	Standard base, 680 ohm resistor and schottky diode

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ECO1000BR1000	Standard base, 1000 ohm resistor
ECO1000BR1000SD	Standard base, 1000 ohm resistor and schottky diode
ECO1000DB	Deep base
ECO1000DBR	Deep base, 470 ohm resistor
ECO1000DBRSD	Deep base, 470 ohm resistor and schottky diode
ECO2000B	Mounting base
ECO1000BREL12L	12Vdc Relay base (latching)
ECO1000BREL12NL	12Vdc Relay base (non-latching)
ECO1000BREL24L	24Vdc Relay base (latching)
B401	Standard base
B401R	Standard base with 470 ohm resistor
B401SD	Standard base with schottky diode
B401RSD	Standard base with 470 ohm resistor and schottky diode
B401DG	Deep base
B401DGR	Deep base with 470 ohm resistor
B401DGSD	Deep base with schottky diode
B401DGRSD	Deep base with 470 ohm resistor and schottky diode
2020B	Standard base
2020DB	Deep base
2020BSD	Standard base with schottky diode
2020DBSD	Deep base with schottky diode

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