
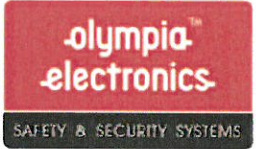





Date :May 25th, 2022

CERTIFICATE OF COMPLIANCE


This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	9-0045/22 9-0022/20 9-0022S/20	CERTIFICATE NUMBER	1293 – CPR – 0685 Rev.1
DATE OF ISSUE	May 19 th , 2022 April 6 th , 2020 April 6 th , 2020	DATE OF ISSUE	May 25 th , 2022
DATE OF EXPIRY	N/A	DATE OF EXPIRY	N/A
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Olympia Electronics N. Lakasas – P. Arvanitidis S.A.	NAME OF THE BRAND	Olympia Electronics
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	72nd klm old national road Thessaloniki - Katerini, 60300 Eginio, Greece	MODEL / NO	Analogue addressable optical smoke detector with integrated isolator BSR-6155
WEBSITE	http://www.olympia-electronics.gr	LOGO ON THE PRODUCT	 
TEL	+30 23530 51200	EMAIL	info@olympia-electronics.gr





	<p>Repeatability Directional dependence Reproducibility Air movement Dazzling Variation in supply parameters Fire sensitivity Cold (Operational: Temperatura: -10°C ,Duration: 16 hours Dry heat (operational) Damp heat, steady state (operational): Temperature: 40°C, Relative humidity: 93%, Duration: 4days Damp heat, steady state (endurance): Temperature: 40°C, Relative humidity: 93%, Duration: 21days Sulphur dioxide (SO2) corrosion (endurance): SO2 contend: 25ppm, Temperature: 25°C, Relative humidity: 93%, Duration: 21days. Shock (operational): Shock pulse type: half sine, Pulse duration: 6ms, Pulse per direction:3 Impact (operational): Impact energy: 1,9J, Hammer velocity:1,5ms-1, Number of impact: 1 Vibration, sinusoidal (operational): Frequency range: 10÷150Hz, acceleration amplitude: 0.5g, number of axes:3, Sweep rate: 1 octave min-1, number of sweep cycles per axis:1 Vibration, sinusoidal (endurance): Frequency range: 10÷150Hz, acceleration amplitude: 1g, number of axes: 3, Sweep rate: 1 octave min-1, number of sweep cycles per axis:20 Electromagnetic Compatibility (EMC), immunity tests a) Electrostatic discharge b) Radiated electromagnetic fields c) Conducted disturbances induced by electromagnetic fields d) Fast transient bursts e) Slow high energy voltage surges</p> <p>List of test equipment used: - smoke tunnel KH1, No. 001 - attenuation meter AML, No. 1041015 - climatic chamber CTS, model C-70/600, No. 077229 - shock system TIRASCHOCK 4110 No. 21286 - vibration system DERRITRON VP400+vibromer DERRITRON SSC No. 9487 - stopwatch CHRONO No. 4108/LG - SO2 chamber WEISS TECHNIK No. 21397 - equipment to the impact test - spring hammer No. 20247</p>	<p>Page 8 Page 8,9 Page 9 Page 10 Page 10 Page 10 Page 10,11 Page 11 Page 11 Page 11 Page 11 Page 11 Page 11 Page 11 Page 11 Page 11 Page 11 Page 11 Page 11 Page 11 Page 11 Page 11</p>
---	--	--



<p>SPECIFICATION OF TEST SPECIMEN</p>	<p>There were tested 20 + 5 pieces of BSR-6155</p>	<p>Type Test Review No. C08/22/0007/4204,4206/SL Page 1</p>																																			
<p>TEST RESULT (SUCH AS PASSED CRITERIA ___/ COMPLIED TO ___/ DURATION ___/OBSERVATION ___/ETC)</p> 	<table border="1"> <thead> <tr> <th rowspan="2">Essential characteristics</th> <th colspan="2">Harmonised technical specification</th> </tr> <tr> <th>EN 54-7: 2018</th> <th>EN 54-17: 2005 EN 54-17: 2005/ AC:2007</th> </tr> </thead> <tbody> <tr> <td>Operational reliability</td> <td>cl. 4.2.1 to 4.2.8</td> <td>cl. 4</td> </tr> <tr> <td>Nominal activation conditions / Sensitivity</td> <td>cl. 4.3.1 to 4.3.3</td> <td>---</td> </tr> <tr> <td>Response delay (response time)</td> <td>cl. 4.4.1, 4.4.2</td> <td>---</td> </tr> <tr> <td>Tolerance to supply voltage</td> <td>cl. 4.5</td> <td>---</td> </tr> <tr> <td>Performance parameters under fire conditions</td> <td>cl. 4.6</td> <td>cl. 5.2</td> </tr> <tr> <td>Durability of Nominal activation condition / Sensitivity: Temperature resistance</td> <td>cl. 4.7.1.1, 4.7.1.2</td> <td>cl. 5.4, 5.5</td> </tr> <tr> <td>Durability of Nominal activation condition / Sensitivity: Humidity resistance</td> <td>cl. 4.7.2.1, 4.7.2.2</td> <td>cl. 5.6, 5.7</td> </tr> <tr> <td>Durability of Nominal activation condition / Sensitivity: Corrosion resistance</td> <td>cl. 4.7.3</td> <td>cl. 5.8</td> </tr> <tr> <td>Durability of Nominal activation condition / Sensitivity: Vibration resistance</td> <td>cl. 4.7.4.1 to 4.7.4.4</td> <td>cl. 5.9 to 5.12</td> </tr> <tr> <td>Durability of Nominal activation condition / Sensitivity: Electrical stability</td> <td>cl. 4.7.5</td> <td>cl. 5.3, 5.13</td> </tr> </tbody> </table>	Essential characteristics	Harmonised technical specification		EN 54-7: 2018	EN 54-17: 2005 EN 54-17: 2005/ AC:2007	Operational reliability	cl. 4.2.1 to 4.2.8	cl. 4	Nominal activation conditions / Sensitivity	cl. 4.3.1 to 4.3.3	---	Response delay (response time)	cl. 4.4.1, 4.4.2	---	Tolerance to supply voltage	cl. 4.5	---	Performance parameters under fire conditions	cl. 4.6	cl. 5.2	Durability of Nominal activation condition / Sensitivity: Temperature resistance	cl. 4.7.1.1, 4.7.1.2	cl. 5.4, 5.5	Durability of Nominal activation condition / Sensitivity: Humidity resistance	cl. 4.7.2.1, 4.7.2.2	cl. 5.6, 5.7	Durability of Nominal activation condition / Sensitivity: Corrosion resistance	cl. 4.7.3	cl. 5.8	Durability of Nominal activation condition / Sensitivity: Vibration resistance	cl. 4.7.4.1 to 4.7.4.4	cl. 5.9 to 5.12	Durability of Nominal activation condition / Sensitivity: Electrical stability	cl. 4.7.5	cl. 5.3, 5.13	<p>Type Test Review No. C08/22/0007/4204,4206/SL Page 2</p>
Essential characteristics	Harmonised technical specification																																				
	EN 54-7: 2018	EN 54-17: 2005 EN 54-17: 2005/ AC:2007																																			
Operational reliability	cl. 4.2.1 to 4.2.8	cl. 4																																			
Nominal activation conditions / Sensitivity	cl. 4.3.1 to 4.3.3	---																																			
Response delay (response time)	cl. 4.4.1, 4.4.2	---																																			
Tolerance to supply voltage	cl. 4.5	---																																			
Performance parameters under fire conditions	cl. 4.6	cl. 5.2																																			
Durability of Nominal activation condition / Sensitivity: Temperature resistance	cl. 4.7.1.1, 4.7.1.2	cl. 5.4, 5.5																																			
Durability of Nominal activation condition / Sensitivity: Humidity resistance	cl. 4.7.2.1, 4.7.2.2	cl. 5.6, 5.7																																			
Durability of Nominal activation condition / Sensitivity: Corrosion resistance	cl. 4.7.3	cl. 5.8																																			
Durability of Nominal activation condition / Sensitivity: Vibration resistance	cl. 4.7.4.1 to 4.7.4.4	cl. 5.9 to 5.12																																			
Durability of Nominal activation condition / Sensitivity: Electrical stability	cl. 4.7.5	cl. 5.3, 5.13																																			



**PRODUCT APPLICATION
GUIDELINE
(END USE)**

(CLEARLY STATE THE END USE WITH
SPECIFIC APPLICATION, SUCH AS EXACT
FIRE RATING/TO BE INSTALLED
IN___/TO BE INSTALLED AT___/TO BE
CONNECTED WITH___/TO BE
INSTALLED WITH___ ETC ALONG WITH
ANY WARNINGS SUCH AS NOT TO BE
USED IN___/NOT TO BE INSTALLED
AT___/ NOT TO BE INSTALLED
WITH___ETC.

The detector should be placed in the ceiling in visible points without side obstacles, away from places that are barely ventilated or with strong air currents and water vapor.

Each detector covers an area of 50 m² while the distance between two detectors should not be more than 15 m.

Also, they must be placed at least 50 cm away from fluorescent lamps..

Cable diameter should be from 0.5 to 2.5 mm.

BSR-6155 integrates a short circuit isolation circuit which is automatically activated and disconnects the defective node from the remaining loop, allowing it to be located by the panel.


Any particular conditions applicable to the use of the product and technical specifications, possible hardware configurations, environment, electrical characteristics are shown in the Manual BSR-6155.

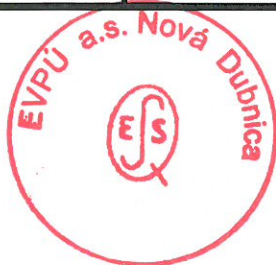
Manual
BSR-6155
Page 1, 2





Laboratory and Certification body details

NAME OF CERTIFICATION BODY	EVPU a.s.	NAME OF TEST FACILITY	EVPU a.s.
CERTIFICATION BODY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Trecianska 19, 01851 Nova Dubnica, Slovak Republic	TEST FACILITY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Trecianska 19, 01851 Nova Dubnica, Slovak Republic
WEBSITE	www.evpu.sk/sktc	WEBSITE	www.evpu.sk/sktc
TEL	+421-42-4403 523	TEL	+421-42-4403 626
EMAIL	mišiak@evpu.sk	EMAIL	balak@evpu.sk
ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small>	SNAS (Slovak National Accreditation Service) http://www.snas.sk/index.php?l=en	ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small>	SNAS (Slovak National Accreditation Service) http://www.snas.sk/index.php?l=en
AS PER <small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small>	ISO/IEC 17065:2012	AS PER <small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small>	ISO/IEC 17025:2017
VALIDITY <small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small>	08.09.2025	VALIDITY <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	09.09.2024
REFERENCE NUMBER: <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	P-012	REFERENCE NUMBER: <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	S-042
CERTIFICATION MARK			





(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Dimitrios Lakasas	SIGNATURE	
EMAIL / TEL	ceo@olympia-electronics.gr +30 23530 51200	FACTORY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	Michal Mišiak	SIGNATURE	
EMAIL / TEL	misiak@evpu.sk +421-42-4403 523	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

ATTACHMENTS:

- COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)