





Date :December 20th, 2019

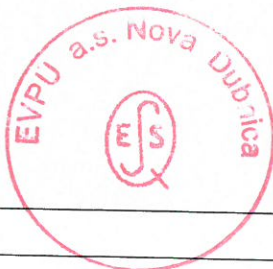
CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	9-0051/19 9-0051S/19	CERTIFICATE NUMBER	1293 – CPR – 0665
DATE OF ISSUE	December 16 th , 2019 December 16 th , 2019	DATE OF ISSUE	December 20 th , 2019
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	Addressable manual call point with integrated isolator BSR-5136
WEBSITE	http://www.olympia-electronics.gr	LOGO ON THE PRODUCT	 
TEL	+30 23530 51200	EMAIL	info@olympia-electronics.gr





Product Details From Test Report		Reference Test Report page NO																								
<p>DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)</p>	<p>BSR-5136 is an addressable manual call point which activates the fire detection panel. BSR-5136 works with any panel supports Olympia A Protocol. Manual call point features an integrated short-circuit isolator which is automatically activated to isolate the faulty node from the rest of the loop. This feature allows to locate installation faults directly from the main panel.</p> <table border="0"> <tr> <td>Communication protocol</td> <td>Olympia A Protocol</td> </tr> <tr> <td>Main voltage</td> <td>12 ÷ 30 V DC</td> </tr> <tr> <td>Standby consumption</td> <td>90µA</td> </tr> <tr> <td>Alarm consumption</td> <td>2.5 mA (with activation LED)</td> </tr> <tr> <td>Type</td> <td>Type A</td> </tr> <tr> <td>Use</td> <td>Indoors</td> </tr> <tr> <td>Operating temperature range</td> <td>-40°C to +70°C</td> </tr> <tr> <td>Relative humidity</td> <td>Up to 95%</td> </tr> <tr> <td>Degree of protection</td> <td>IP20</td> </tr> <tr> <td>External dimensions</td> <td>94 x 98 x 56 mm</td> </tr> <tr> <td>Weight</td> <td>185g</td> </tr> <tr> <td>Construction materials</td> <td>ABS/PC</td> </tr> </table>	Communication protocol	Olympia A Protocol	Main voltage	12 ÷ 30 V DC	Standby consumption	90µA	Alarm consumption	2.5 mA (with activation LED)	Type	Type A	Use	Indoors	Operating temperature range	-40°C to +70°C	Relative humidity	Up to 95%	Degree of protection	IP20	External dimensions	94 x 98 x 56 mm	Weight	185g	Construction materials	ABS/PC	<p>9-0051/19 Page 2</p>
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<p>TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)</p>	<p>EN 54-11: 2001 EN 54-11: 2005 / A1: 2005 EN 54-17:2005 EN 54-17:2005 / AC:2007</p>	<p>Type Test Report No. C08/18/0076/ 4206/SL-11 Page 1</p>																								
<p>TEST DESCRIPTION</p>	<p>Full testing according to whole standards EN 54-11:2001, EN 54-11:2001/A1:2005, EN 54-17:2005 and EN 54-17:2005/AC:2007 including following tests: Nominal activation conditions / Sensitivity and Performance under fire conditions Operational reliability Durability of operational reliability: temperature resistance Durability of operational reliability: vibration resistance Durability of operational reliability: humidity resistance Durability of operational reliability: corrosion resistance Durability of operational reliability: electrical stability</p> <p>Performed tests Operational performance test: Test for non-operation: (22, 5 ± 2,5 N) Function test Test facility test (operational)</p>	<p>9-0051/19 Page 1</p> <p>Page 5 Page 6 Page 6, 7</p>																								





	<p>Variation in supply parameters Dry heat (operational): Temperature: +55°C, duration: 16 hours Cold (Operational): Temperature: -10°C, duration: 16 hours Damp heat, cyclic (operational): Lower temperature: 25°C, relative humidity: 95% Upper temperature: 40°C, relative humidity: 93%, 2 cycles 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, Peak acceleration: 963 m.s⁻², Number of ditions: 6, 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 Enclosure protection</p> <p>List of test equipment used: - climatic chamber CTS, model C-70/600, No. 077229 - shock system TIRASCHOCK 4110 No. 21286 - vibration system DERRITRON VP400+vibromer DERRITRON SSC No. 9487 - SO₂ chamber WEISS TECHNIK No. 21397 - equipment to the impact test - spring hammer No. 20247</p>	<p>Page 7, 8 Page 8 Page 9 Page 9, 10 Page 10 Page 10, 11 Page 11 Page 11, 12 Page 12 Page 12, 13 Page 13 Page 13</p>
<p>SPECIFICATION OF TEST SPECIMEN</p>	<p>There were tested 14 pieces of BSR-5136</p>	<p>Type Test Review No. C08/18/0076/ 4206/SL-11 Page 1</p>





Type Test
Review No.
C08/18/0076/
4206/SL-11
Page 2

TEST RESULT

(SUCH AS PASSED CRITERIA ___/
COMPLIED TO ___/
DURATION ___/OBSERVATION ___/ETC)

Essential characteristics	Harmonised technical specification	
	EN 54-11: 2001 EN 54-11: 2001/ A1: 2005	EN 54-17: 2005 EN 54-17: 2005/ AC:2007
Nominal activation conditions / Sensitivity and Performance under fire conditions	cl. 4.3.2, 4.4, 4.7.1, 4.7.4=N/A, 5.2, 5.3	cl. 5.2
Operational reliability	cl. 4.2, 4.3.1, 4.5, 4.6, 4.7.2, 4.7.3, 4.7.5, 4.8, 5.4, 5.5	cl. 4
Durability of operational reliability: temperature resistance	cl. 5.7, 5.8=N/A, 5.9	cl. 5.4, 5.5
Durability of operational reliability: vibration resistance	cl. 5.14 to 5.17	cl. 5.9 to 5.12
Durability of operational reliability: humidity resistance	cl. 5.10, 5.11=N/A, 5.12, 5.19=N/A	cl. 5.6, 5.7
Durability of operational reliability: corrosion resistance	cl. 5.11=N/A, 5.13	cl. 5.8
Durability of operational reliability: electrical stability	cl. 5.6, 5.18	cl. 5.3, 5.13

PRODUCT APPLICATION GUIDELINE (END USE)

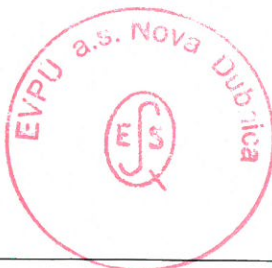
(CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN ___/TO BE INSTALLED AT ___/TO BE CONNECTED WITH ___/TO BE INSTALLED WITH ___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN ___/NOT TO BE INSTALLED AT ___/ NOT TO BE INSTALLED WITH ___ ETC.

BSR-5136 should be mounted in a clearly visible spot, near to the exit or ladder and at a height of 1.5 meters.

Operation temperature: -40°C ÷ +70°C
Relative humidity: Up to 95%
Degree of protection: IP20

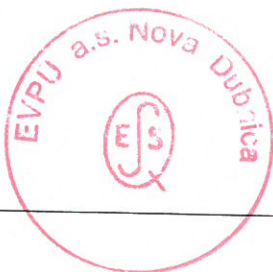
Any particular conditions applicable to the use of the product and technical specifications, possible hardware configurations, environment, electrical characteristics are shown in the Manual BSR-5136.

Manual
BSR-5136
Page 1, 2

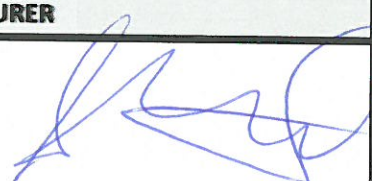


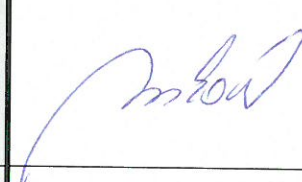



Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	EVPU a.s.	NAME OF TEST FACILITY	EVPU a.s.
CERTIFICATION BODY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Trecianska 19, 01851 Nova Dubnica, Slovak Republic	TEST FACILITY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Trecianska 19, 01851 Nova Dubnica, Slovak Republic
WEBSITE	www.evpu.sk/skctc	WEBSITE	www.evpu.sk/skctc
TEL	+421-42-4403 515	TEL	+421-42-4403 400
EMAIL	vrankova@evpu.sk	EMAIL	novotny@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>	07.09.2020	VALIDITY <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	08.09.2024
REFERENCE NUMBER: <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	101 / P-012	REFERENCE NUMBER: <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	101 / S-042
CERTIFICATION MARK			





(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Dimitrios Lakasas	SIGNATURE	
EMAIL / TEL	ceo@olympia-electronics.gr	FACTORY OFFICIAL SEAL	<p>OLYMPIA ELECTRONICS N. LAKASAS - P. ARVANITIDIS S.A. ELECTRONIC MANUFACTURER 72 km OLD HIGHWAY THESSALONIKI-KATERINI 60 300 EGINIO - GREECE TEL.: 0030 23530 51200 FAX: 0030 23530 51486 VAT No. EL 094136591</p>
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	Helena Vranková	SIGNATURE	
EMAIL / TEL	+421-42-4403 515 vrankova@evpu.sk	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)