




CC 781001

Date : 15 November 2022

## CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	3660888 Rev 1	CERTIFICATE NUMBER	KM 781000
DATE OF ISSUE	03/11/2022	DATE OF ISSUE	11/11/2022
DATE OF EXPIRY	Not applicable	DATE OF EXPIRY	10/11/2025
Manufacturer details			
NAME OF FACTORY / MANUFACTURER	Sander Elektronik AG	NAME OF THE BRAND	ElectroZemper, S.A
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Stauseestrasse 73 Kleindöttingen 5314 Switzerland	MODEL / NO	ZWEBDALI-TSCREEN ZWEBDALI
WEBSITE	www.zemper.com	LOGO ON THE PRODUCT	
TEL	+34 926 271 837	EMAIL	<a href="mailto:export@zemper.com">export@zemper.com</a>





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<b>Product Details From Test Report</b>		<b>Reference Test Report page NO</b>
<p><b>DESCRIPTION OF THE PRODUCT</b> (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)</p>	<p>The ZWEBDALI ATS is a complete wired Automatic test System for the monitoring and control of emergency lighting within an occupied building.</p> <p>The ZWEBDALI-TSCREEN has a touch screen colour LED display panel that gives indication of overall status supervises the Control of the ATS and any faults detected within the connected system.</p> <p>The ZWEBDALI is the same as the ZWEBDALI-TSCREEN but without the colour touch screen and requires the use of a PC accessing the ATS via the RJ45 connector for status indication.</p> <p>Class I ATS is classified as PERC 230 V AC, 50 hz</p>	6
<p><b>TEST STANDARD</b> (SUCH AS ASTM/BS EN/ DN ETC)</p>	BS EN 62034:2012	1
<p><b>TEST DESCRIPTION</b></p>	<p>For BS EN 62034:2012 the test requirements are:</p> <ul style="list-style-type: none"> <li>• Safety, Construction and installation instructions <ul style="list-style-type: none"> <li>▪ System tested to the safety requirements of 60598-1 and 60598-2-22.</li> </ul> </li> <li>• Monitoring of timing circuit. <ul style="list-style-type: none"> <li>▪ Failures during test progress simulated and failure indicated.</li> </ul> </li> <li>• Functional Requirements <ul style="list-style-type: none"> <li>○ The automatic test system (ATS) <ul style="list-style-type: none"> <li>▪ System shall check operation of emergency luminaires and faults indicated within 24hrs</li> </ul> </li> <li>○ Emergency Battery Supply <ul style="list-style-type: none"> <li>▪ System checks emergency battery supply</li> </ul> </li> <li>○ Lamps tested in emergency mode <ul style="list-style-type: none"> <li>▪ System checks changeover to emergency mode</li> </ul> </li> </ul> </li> </ul>	7-35





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<p><b>TEST DESCRIPTION</b></p>	<ul style="list-style-type: none"><li>○ Maintained luminaires tested in emergency mode<ul style="list-style-type: none"><li>▪ If charging current is &gt;15% charger disconnected</li><li>▪ If between 5% - 15% the charger shall be compensated</li><li>▪ If &lt;5% the charger is ignored</li></ul></li><li>● System Integrity<ul style="list-style-type: none"><li>○ Protection against system part failures and faults<ul style="list-style-type: none"><li>▪ Any fault shall not affect the emergency operation</li></ul></li><li>○ Intercommunications failure<ul style="list-style-type: none"><li>▪ Intercommunication does not inhibit emergency operation</li></ul></li><li>○ System Interconnection<ul style="list-style-type: none"><li>▪ No unwanted operation occurs when wiring faults occur</li></ul></li><li>○ Component Failures<ul style="list-style-type: none"><li>▪ Requirements of 61347 apply for failures that mimic a control gear signal</li></ul></li><li>○ System Parts compatibility</li><li>○ Electromagnetic immunity of ATS</li><li>○ Software Failure<ul style="list-style-type: none"><li>▪ Detailed design documentation produced</li></ul></li></ul></li><li>● Test of emergency lamps<ul style="list-style-type: none"><li>▪ Indication on control panel if lamps don't operate</li></ul></li><li>● Test Duration and interval<ul style="list-style-type: none"><li>○ Functional Test<ul style="list-style-type: none"><li>▪ Functional test conducted at least once a month</li></ul></li><li>○ Duration Test<ul style="list-style-type: none"><li>▪ Duration test conducted at least annually</li></ul></li></ul></li><li>● Protection of a building during test and subsequent recharge<ul style="list-style-type: none"><li>○ Accuracy and protection of timing periods<ul style="list-style-type: none"><li>▪ Accuracy of +/- 75s per week</li><li>▪ Timing function retained through periods of mains supply failure or interruption</li></ul></li><li>○ Requirements for premises that may be occupied during test and recharge periods</li></ul></li><li>● Indication and recording of results of tests.</li></ul>	<p>4</p>
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<b>SPECIFICATION OF TEST SPECIMEN</b>	ZWEBDALI-TSCREEN ZWEBDALI	1
<b>TEST RESULT</b> (SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___/OBSERVATION___/ETC)	Type sample examined was found to comply with the relevant requirements of the specified standards	1
<b>PRODUCT APPLICATION GUIDELINE (END USE)</b> (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.	Automatic test systems for emergency escape lighting (escape route , open areas and exist signs)	NA
		6






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Laboratory and Certification body details			
<b>NAME OF CERTIFICATION BODY</b>	BSI Assurance UK Limited <b>bsi.</b>	<b>NAME OF TEST FACILITY</b>	BSI Assurance UK Limited <b>bsi.</b>
<b>CERTIFICATION BODY ADDRESS / REGION</b> <small>(STREET / TOWN / CITY / COUNTRY)</small>	BSI Group, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes, MK5 8PP, United Kingdom	<b>TEST FACILITY ADDRESS / REGION</b> <small>(STREET / TOWN / CITY / COUNTRY)</small>	BSI Group, Holywell Park, Ashby Road, Loughborough, LE11 3AQ, United Kingdom
<b>WEBSITE</b>	www.bsigroup.com	<b>WEBSITE</b>	www.bsigroup.com
<b>TEL</b>	+44 (0) 845 0809000	<b>TEL</b>	+44 (0) 845 0809000
<b>EMAIL</b>	product.certification@bsigroup.com	<b>EMAIL</b>	product.certification@bsigroup.com
<b>ACCREDITED BY</b> <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small>	UKAS 21-47 High Street Feltham Middlesex TW13 4UN <a href="http://www.ukas.com">www.ukas.com</a>	<b>ACCREDITED BY</b> <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small>	UKAS 21-47 High Street Feltham Middlesex TW13 4UN <a href="http://www.ukas.com">www.ukas.com</a>
<b>AS PER</b> <small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small>	ISO 17065:2012	<b>AS PER</b> <small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small>	ISO 17025:2017
<b>VALIDITY</b> <small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small>	Not applicable (no expiry date for UKAS accreditation)	<b>VALIDITY</b> <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	Not applicable (no expiry date for UKAS accreditation)
<b>REFERENCE NUMBER:</b> <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	0003	<b>REFERENCE NUMBER:</b> <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	0135
<b>CERTIFICATION MARK</b>	 BSI Kitemark		





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(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Jesús Fernández Mendoza	SIGNATURE	 <b>ELECTROZEMPER, S.A.</b> Avda. de la Ciencia s/n P.I. Avanzado 13005 CIUDAD REAL C.I.F.: 428956474
EMAIL / TEL	<a href="mailto:resp.cal@zemper.com">resp.cal@zemper.com</a> +34926271837		
<b>NOTES:</b> I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	Holly Rossington T: +44 1908 814664	SIGNATURE (Confirmed correct at date of issue)	
EMAIL / TEL	<a href="mailto:Holly.rossington@bsigroup.com">Holly.rossington@bsigroup.com</a>	CERTIFICATION BODY OFFICIAL SEAL	
<b>NOTES:</b> 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)