


## Declaration of Conformity

The Declaration of Conformity is issued under the sole responsibility of the manufacturer

<b>Issuer :</b>	Smart Boat Ltd 9 Heenan Close Frimley Green Surrey GU16 6NQ United Kingdom	<b>Photograph</b> 
<b>Product</b>	Smart Wiring Terminal Block LB-50-4 & LB-120-10	These are passive units that facilitate the interconnection of low voltage circuits. They are rated at 20A max per channel. There are 2 variants – 50mm & 120mm long models.

We declare that the products described above, to which the declaration of conformity refers to, is in conformity with the essential requirements of the following legislation:

- RoHS Directive (2011/65/EU)

Through the technical standards/specifications specified below:

- EN IEC 63000:2018
- IEC 62321 Series
- EN 62474

### Signed for and on behalf of

Company Name : Smart Boat Ltd  
Place of issue : Address as above  
Date of issue : 16<sup>th</sup> June 2024  
Name & title : Robin Saunders. General Manager  
Signature :



## Risk Assessment Summary

Risk Assessment : RS24002

<b>Product</b>	Smart Wiring Terminal Block
<b>Product Description</b>	These are passive units that facilitate the interconnection of low voltage circuits. They are rated at 20A max per channel. There are 2 variants – 50mm & 120mm long models.
<b>Product design and manufacturing processes.</b>	<ul style="list-style-type: none"> <li>- Designed by Smart Boat Ltd staff in-house</li> <li>- Base and covers 3D printed in house &amp; other 3D Printing Suppliers using standard PLA/ABS.</li> <li>- Fixings, Fork Link Bars and PCB bought in</li> <li>- Final product assembled in-house</li> </ul>
<b>Bills of materials and components lists.</b>	- See Technical Documentation
<b>Supplier declarations and material composition data.</b>	- See Technical Documentation
<b>Test reports and certificates of compliance for hazardous substances.</b>	- Not applicable – Self declaration
<b>Risk Analysis and Mitigation:</b>	
<b>Complexity of the supply chain</b>	- Smart Boat Ltd has established that there are many wholesalers that can provide the same manufacturer’s raw materials and other components.
<b>Historical compliance performance of suppliers.</b>	- We have insufficient knowledge about the company’s suppliers as we are in the early stages of production – this needs to be monitored over the coming months.
<b>Potential mitigation measures:</b>	
<b>Substituting non-compliant materials with RoHS-compliant alternatives.</b>	- N/A All materials are compliant.
<b>Enhancing supplier quality controls and monitoring.</b>	<ul style="list-style-type: none"> <li>- This is out of our sphere of influence given the size of our business.</li> <li>- Discussions with our suppliers indicate that they have excellent working practices in line with industry norms.</li> <li>- The alternative is to make sure that we continue to seek and work with reputable suppliers.</li> </ul>
<b>Regularly updating and reviewing technical documentation.</b>	- Risk assessment to be revisited whenever there is a relevant change to the product or every 12 months.

Date Assessment undertaken : 16<sup>th</sup> June, 2024

Assessment undertaken by : Robin Saunders

