


Declaration of Conformity

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

Issuer :	Smart Boat Ltd 9 Heenan Close Frimley Green Surrey GU16 6NQ United Kingdom	Photograph 
Product	Smart Wiring Busbar Cover BC-120-x BC-200-x (X=Colour)	These are passive units which are used for covers for the Smart Wiring Busbars.

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 : 168^h June 2024
Name & title : Robin Saunders. General Manager
Signature :

Technical Documentation

Product	Smart Wiring Busbar Cover
General Description	These are passive units which are used for covers for the Smart Wiring Busbar range
Conceptual Design	To design & build a module that simplifies and professionalise low voltage wiring configurations. This should follow the overall design philosophy of the Smart Boat Eco system and ensure that as many as possible of the components are reuseable throughout the Smart Boat range.
Where Designed	Yew Tree Cottage, Hornblotten, Shepton Mallet, Somerset, BA4 6SF
Where Manufactured	Assembled At : - Yew Tree Cottage, Hornblotten, Shepton Mallet, Somerset, BA4 6SF Components Manufactured By : - Smart Boat Ltd & other 3D Printing Suppliers using standard PLA/ABS
Evidence of Compliance	Passive device – therefore EMC conformity not required No power– therefore Low Voltage conformity not required Material used exclude restricted items – therefore conformity with RoHS 2011/65/EU achieved.
Supplier Compliance	RoHS certificate available for PLA & ABS filament
Technical Standards	EN IEC 63000:2018 IEC 62321 Series EN 62474
Notified Body	None – Self Assessed
Risk Assessment	See Risk Assessment RS24003
Instructions for Use	Installation Instructions available on request.
List of Parts	Busbar Cover
Bill of materials	There is only 1 part

Risk Assessment Summary

Risk Assessment : RS24003

Product	Smart Wiring Busbars Covers
Product Description	These are passive units which are used for covers for the Smart Wiring Busbar range.
Product design and manufacturing processes.	<ul style="list-style-type: none"> - Designed by Smart Boat Ltd staff in-house - Covers 3D printed in house & other 3D Printing Suppliers using standard PLA/ABS - Final product assembled in-house
Bills of materials and components lists.	- See Technical Documentation
Supplier declarations and material composition data.	- See Technical Documentation
Test reports and certificates of compliance for hazardous substances.	- Not applicable – Self declaration
Risk Analysis and Mitigation:	
Complexity of the supply chain	- Smart Boat Ltd has established that there are many wholesalers that can provide the same manufacturer’s raw materials and other components.
Historical compliance performance of suppliers.	- 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.
Potential mitigation measures:	
Substituting non-compliant materials with RoHS-compliant alternatives.	- N/A All materials are compliant.
Enhancing supplier quality controls and monitoring.	<ul style="list-style-type: none"> - This is out of our sphere of influence given the size of our business. - Discussions with our suppliers indicate that they have excellent working practices inline with industry norms. - The alternative is to make sure that we continue to seek and work with reputable suppliers.
Regularly updating and reviewing technical documentation.	- Risk assessment to be revisited whenever there is a relevant change to the product or every 12 months.

Date Assessment undertaken : 18th June, 2024

Assessment undertaken by : Robin Saunders