



**CERTIFICATE OF COMPLIANCE to REACH  
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT**

**Company:** ABB Power Electronics Inc.

**P/N: SHHD005A0Fxx-xxx Series**

Under the structure of REACH regulation, ABB Power Electronics Inc., is a manufacturer of “Articles” according to ECHA’s guidance for articles. We do not manufacture substances or preparations and our articles do not involve the intentional release of substances. Accordingly, we foresee no registration or pre-registration or Authorization requirement for the product we supply.

ABB Power Electronics Inc. is aware of the recent European Court of Justice ruling of September 10, 2015 regarding the concept of an “article” under the EU Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). ABB Power Electronics Inc. is committed to be a market leader in supplying products to its customers and continues to evaluate the recent decision to fully ascertain the implications to our product portfolio. We are engaging with our suppliers concerning the presence of Candidate List Substances.

With regard to the requirements of Article 33 of REACH: Duty to communicate information on substances in articles, we declare that except for note 1 below, none of the SVHC Candidate List Substances for authorization currently released by ECHA, is present in concentration equal to or above 0.1% weight at the component article level.

With regard to the requirement of Article 67 of REACH: A substance on its own, in a preparation or in an article, for which Annex XVII, contains a restriction shall not be manufactured, placed on the market or used unless it complies with the conditions of that restriction. We declare that none of the substances in the Condition of Restriction is present in ABB Power Electronics Inc. product.

As REACH regulation is updated frequently for major changes during the year such as additional SVHC substances added into Annex XIV, ABB Power Electronics Inc. will evaluate further as those updates happen and revise or update this declaration to reflect any changes.

<http://echa.europa.eu/candidate-list-table>



Note 1: To the best of our knowledge and based on information from our suppliers to date, ABB Power Electronics Inc. has been informed that the following CLS is contained in the article supplied above a concentration of 0.1% weight-by-weight.

CAS Number	Description
7439-92-1	Lead solder-RoHS exemption 7(a) - Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead)
	Candidate List Substances contains 219 unique substances/entries as of Jul 2021 <a href="http://echa.europa.eu/candidate-list-table">http://echa.europa.eu/candidate-list-table</a>

Contact person: Rick Morrison  
Sr. Technical Regulations and Standards Leader  
E-mail: [rick.morrison@elpc.abb.com](mailto:rick.morrison@elpc.abb.com)