

ABB Switzerland Ltd, PMA Cable Protection,
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To whom it may concern

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Reference No.	
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Compliance of PMA Cable Protection Products with EU Regulation (EC) No. 1907/2006 - REACH Directive

Dear Sir, Madam

ABB Switzerland Ltd (PMA Cable Protection) confirms with this letter that, according to our current state of knowledge and the current status of the REACH directive on the publishing date of this letter, all PMA branded products meet the requirements of EU Regulation (EC) No. 1907/2006 on Registration, Evaluation, Authorization and Restriction of Chemical substances (REACH).

ABB Switzerland Ltd (PMA Cable Protection) regularly monitors updates to restriction and authorization lists within REACH and retrieves information from the supply chain. No chemical analysis or any other form of testing is performed to assess REACH compliance.

Article 33

Article 33 requires suppliers to inform customers immediately if materials they supply include substances added to the candidate list substance (SVHC, Substance of Very High Concern) in a concentration above 0.1% w/w. The ABB Switzerland (PMA Cable Protection) REACH confirmation relies upon our suppliers complying with article 33.

Information:

On 27/06/2018 Lead (CAS 7439-92-1) was added to the SVHC list (Reason for inclusion in the SVHC list: toxic for reproduction, article 57c)

Some PMA components and assemblies, for example type N* connectors, furthermore GMM* lock nuts, MON* special metal Fitting, MPKN* special metal fitting, SCA* spin couplers and SWA* swivel adapters are made partly or totally of nickel-plated brass (approx. CuZn37Pb3), which contains Lead (CAS 7439-92-1) in a concentration between 0.1% and 4% in these components for technical reasons.

When the components are used as intended with help of gloves during installation, there is no danger to health or the environment. Safety instructions are not required.

Confirmation:

ABB Switzerland Ltd (PMA Cable Protection) declares that, except for the previously mentioned lead content

within Nickel Plated Brass components, no other substances of very high concern (SVHC) are part of the defined formulation of the products.

This confirmation applies to the candidate list as published by the European Chemical Agency (ECHA) on **2020/01/16** <https://echa.europa.eu/candidate-list-table>

Article 67

Annex XVII

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 PMA Brand products do not contravene the restrictions in Annex XVII.

Information:

Some PMA components and assemblies, for example type N* connectors, furthermore GMM* lock nuts, MON* special metal Fitting, MPKN* special metal fitting, SCA* spin couplers and SWA* swivel adapters are made partly or totally of nickel-plated brass (approx. CuZn37Pb3), which contains Nickel (CAS 7440-02-0) in a concentration between 0.1% and 1% in these components for surface coating.

Nickel must not be used in applications with direct and prolonged skin contact

When the components are used as intended with help of gloves during installation, there is no danger to health or the environment. Safety instructions are not required.

Annex XIV

Substances on the Candidate list are prioritized to be added to the Authorisation List (Annex XIV).

A substance is no longer permitted for the EU market after its sunset date.

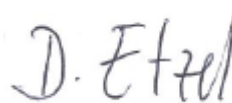
We declare that the products of PMA Brand do not contain Annex XIV substances.

Disclaimer: This information is to the best of our knowledge and does not constitute a commitment or warranty.

Yours sincerely,



Peter Schuster
Global R&D/Technology Manager



Dietmar Etzel
Materials Engineer / Material Compliance

On behalf of ABB Switzerland Ltd, PMA Cable Protection