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BUSINESS AREA Electrification – Smart Power
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To: Whom it May Concern

Subject: REACh Regulation for Electronic Relays and Controls

With reference to the Regulation (EC) No 1907/2006 issued by the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) entered in force on 1st June 2007, please be informed that:

- ABB continuously assesses its products for content of Substances of Very High Concern (hereinafter SVHC), included in the “Candidate List” by the European Chemicals Agency (ECHA) as per Annex XIV of the REACH Regulation
- under normal and reasonably foreseeable usage conditions, products manufactured by ABB do not intentionally release any substance or preparation
- a substance on its own, in a preparation or in an article, for which Annex XVII contains a restriction is not manufactured, placed on the market or used inside ABB products unless it complies with the conditions of that restriction

According to the current best knowledge and according to the information provided by suppliers, ABB states that manufactured Electronic relays and control comply with the materials and the restrictions in Regulation (EC) No 1907/2006.

All information concerning SVHC listed in the “Candidate List” updated on January 21st, 2025 present in excess of 0.1% w/w is illustrated in appendix of ABB document 1SVD981001-4501.



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SVHC present in excess of 0.1% for Electronic Relays and Controls

Lead (CAS # 7439-92-1)

- Grid Feeding Monitors CM-UFD.Mxx , CM-UFD.MxxM
- Liquid Level Monitors and Controls CM-ENS.xxx, CM-ENE.xxx
- Single Phase Monitors CM-SRS.xxx , CM-SFS.xxx , ESS.xxx , CM-EFS.xxx
- Temperature Monitors CM-TCx.xxx
- Thermistor Motor Protection Relays CM-Mxx.xx, C0-xxx
- Time Relays CT-AHx, CT-EKE, CT-EBx, CT-ERx, CT-YDE, CT-APS, CT-MVS, CT-SDx, CT-TGx, CT-VWx, CT-MFx, CT-AHx
- Interface relay & Optocoupler RB-xxx, RBR-xxx, CR-xxx, OBICxxx, OBOxxx, OBRICxxx, OBROAxxx, OBROCxxx
- Phase loss monitoring relay CM-PBE
- Phase monitoring relay CM-PVE

bis(α,α-dimethylbenzyl) peroxide (CAS # 80-43-3)

- Grid Feeding Monitors CM-UFD.Mxx
- Temperature Monitors CM-TCx.xxx
- Three-phase monitoring relay CM-MPS.xxx

1-Hexene, 3,3,4,4,5,5,6,6,6-nonafluoro-, polymer with ethene and 1,1,2,2-tetrafluoroethene (CAS # 68258-85-5)

- Grid Feeding Monitors CM-UFD.Mxx
- Temperature Monitors CM-TCS.xxx , CM-TCN.xxx

2,5,7,10-Tetraoxa-6-silaundecane, 6-ethenyl-6-(2-methoxyethoxy) (CAS # 1067-53-4)

- Insulation Monitors CM-IWS.xxx
- Liquid Level Monitors and Controls CM-ENS.xxx
- Single Phase Monitors CM-SFS.xxx
- Temperature Monitors CM-TCS.xxx
- Thermistor Motor Protection Relays CM-MSS.xx

Dechlorane plus; Dechlorane+; 1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (CAS # 13560-89-9)

- Three-phase monitoring relay CM-MPS.xxx

Diboron trioxide (CAS # 1303-86-2)

- Time Relays CT-MFC.xx
- Liquid Level Monitors and Controls CM-ENE.xxx

Propane, 1,1,1,2,2,3,3-heptafluoro-3-[(1,2,2-trifluoroethenyl)oxy]-, polymer with 1,1,2,2-tetrafluoroethene (CAS # 26655-00-5)

- Three-phase monitoring relay CM-MPS.xxx

Tetrabromobisphenol A (CAS # 79-94-7)

- Interface relay & Optocoupler RB-xxx, RBR-xxx, CR-xxx, OBICxxx, OBOxxx, OBRICxxx, OBROAxxx, OBROCxxx
- Time Relays CT-TGC.xx, CT-ARC.xx, CT-MBS.xx, CT-ERx.xx, CT-MVS.xx, CT-APS.xx, CT-MXS.xx, CT-PAC.xx, CT-SAx.xx, CT-SDx.xx, CT-WBS.xx, CT-AHD.xx,
- Single Phase Monitors CM-SRS.xxx , CM-SFS.xxx , ESS.xxx , CM-EFS.xxx

Version C

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