

2CMT2021-006202

To: Whom it May Concern

Subject: REACH Regulation for Contactors

Västerås, November 11<sup>th</sup>, 2024

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 (herein-after 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 contactors, including block contactors, installation contactors, mini contactors, mini contactor relays, thermal overload relays, electronic overload relays and related accessories comply with the materials and the restrictions in Regulation (EC) No 1907/2006.

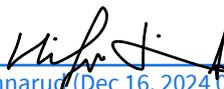
All information concerning SVHC listed in the "Candidate List" updated on January 23<sup>rd</sup>, 2024 present in excess of 0.1% w/w is illustrated in appendix of document 2CMT2021-006202.

ABB Smart Power  
Motor Starting & Safety  
Procurement & Logistics Manager

  
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Max Lönn

ABB Smart Power  
Motor Starting & Safety  
R&D Manager

  
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Krister Linnarud

# SVHC present in excess of 0.1% for Contactors

including block contactors, installation contactors, mini contactors, mini contactor relays, thermal overload relays, electronic overload relays and related accessories

## Block contactors

### Lead (CAS # 7439-92-1)

- Contactors AF/AFS09/12/16...(Z)(B)...30/40/22...10/01/11/22(K)/(RT)/(S)
- Contactors AF/AFS26/30/38...(Z)(B)...30/40/22...00/11/22(K)/(RT)/(S)
- Contactors AF/AFS40/52/65...30/40/22...00/11/22
- Contactors AF/AFS80/96...30/40/22...00/11/22
- Contactors AL...(Z)/TAL/9/12/16....30/40/22....10/01/22/32
- Contactors AL/TAL/26...30/40/22....10/01/32
- Contactors AL/TAL/30/40...30....10/01/32
- Contactors AF50/63/75....30....00/11/22
- Contactors AF45/50/75....40/22....00/11/22
- Contactors GA/GAE75....10....00/11
- Contactors UAF75....30....00...RA
- Contactor relays NF(Z)(B)22/31/40/44/53/62/71/80/33-11/51-11(K)/(RT)/(S)
- Contactor relays NL/NLZ/TNL/22/31/40/44/53/62/71/80/33-11/51-11
- Interface relays RA4, RA5-1
- Electronic timers TEF4(S), TE5S
- Damping device and pin in EK550..EK1000 and EHDB
- Surge suppressor, RC-EH800...RC-EH300
- Current Voltage Sensor SCV10
- Smart Function Module SFM1

### Lead monoxide (lead oxide) (CAS # 1317-36-8)

- Current Voltage Sensor SCV10
- Smart Function Module SFM1

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