

2CMT2025-006812

Subject: Per-and polyfluoroalkyl substances (PFAS)

Västerås, September 4th, 2025

Per-and polyfluoroalkyl substances (PFAS), sometimes called "forever chemicals," is a group of thousands of substances widely used in many industries. For example, commonly known PFAS include: • PFOA (perfluorooctanoic acid) and PFOS (perfluorooctane sulfonic acid) • PFHxA (perfluorohexanoic acid) and PFH[x]S (perfluorohexane sulfonate/perfluorohexane sulfonic acid) • PTFE (polytetrafluoroethylene) and other fluoropolymers • Thousands of other chemicals Due to growing awareness of health and environmental concerns, PFAS are facing increasing scrutiny worldwide. 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, contactor starters, mini contactor relays, thermal overload relays, electronic overload relays and related accessories comply contains Per-and polyfluoroalkyl substances (PFAS) as illustrated in ABB document 2CMT2025-006813. No chemical analysis nor other similar testing has been conducted.

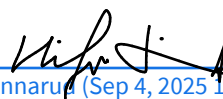
ABB Smart Power
Motor Starting & Safety
Procurement & Logistics Manager



Max Lönn (Sep 5, 2025 14:45:17 GMT+2)

Max Lönn

ABB Smart Power
Motor Starting & Safety
R&D Manager



Krister Linnarud (Sep 4, 2025 16:04:54 GMT+2)

Krister Linnarud

PFAS in Contactors

Contactors, including Block contactors, Installation contactors, Mini contactors, Contactor starters, Mini contactor relays, Thermal overload relays, Electronic overload relays and related accessories

Contactors

Polytetrafluoroethylene - PTFE (CAS 9002-84-0)

- Tapping screws for block contactors
- Mechanical interlock for EH & EK contactors
- Coil for EK & EH contactors

Heptadecafluorononanoic acid - PFNA (CAS 375-95-1)

- Some components in contactor starters NEMA

Tricosafuorododecanoic acid - PFDoA (CAS 307-55-1)

- Some components in contactor starters NEMA

Perfluorooctanoic acid - PFOA (CAS 335-67-1)

- Some components in contactor starters NEMA

Nonadecafluorodecanoic Acid - PFDA (CAS 335-76-2)

- Some components in contactor starters NEMA

Heptacosafuorotetradecanoic acid - PFTeDA (CAS 376-06-7)

- Some components in contactor starters NEMA

Heptafluorobutyric acid - PFBA (CAS 375-22-4)

- Some components in contactor starters NEMA

Thermal overload relays

Polytetrafluoroethylene - PTFE (CAS 9002-84-0)

- Some components in thermal overload relays

Electronic overload relays

Perfluoroethylene propylene copolymer – FEP (CAS 25067-11-2)

- Some components in electronic overload relays

				Version 1
Document Title	PFAS in Contactors	Document Number	2CMT2025-006813	Number of Pages
We reserve all rights related to this document and the data contained with prohibition to copy, to use or to disclose it to third parties in the absence of prior written permission issued by ABB. © Copyright 2021 ABB. All rights reserved.		Place and Date of Issue	Västerås. 4th September 2025	1