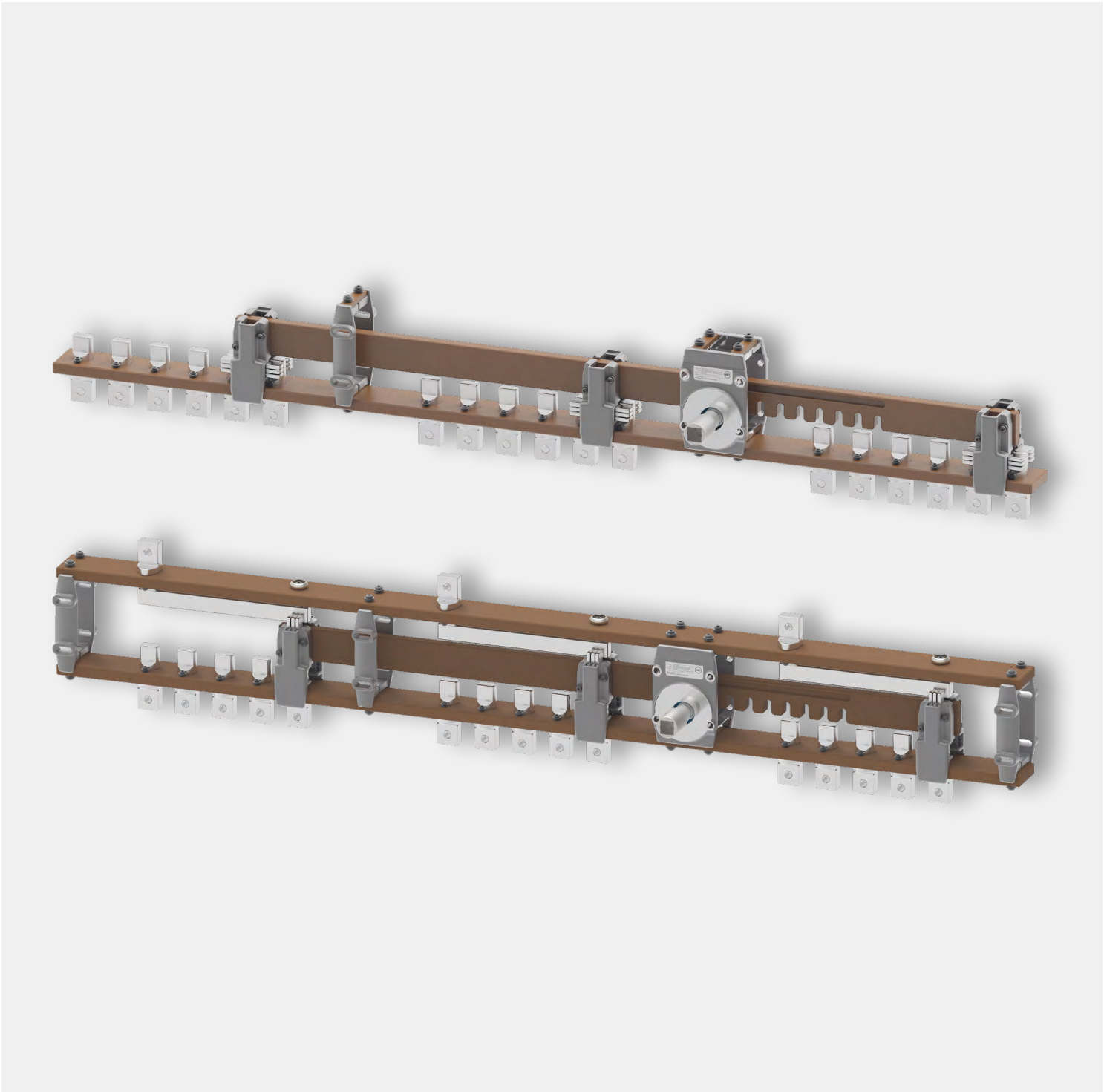
THE POWER BEHIND POWER.

CAPT® 040+
De-energized tap-changer
Solid. Compact. 2700 A.

reinhausen.com



Future-proof: CAPT® 040+

The **CAPT® 040+** DETC (de-energized tap-changer) series combines high performance, robust reliability, and compliance with the latest product standards. Its optimized mechanical architecture and innovative contact design support **high current ratings** and flexible applications without compromising durability.

The design enables **vertical and horizontal** installation, allowing multiple types of mounting layouts. A gear transmission mechanism ensures smooth motion and precise and distinct positioning.

Optional **equipotential rings** and **pressboard shields** support optimized electric field distribution and provide greater flexibility when integrating the DETC in close proximity to other active transformer components.

The optional **DETC CONTROL** motor drive unit enables remote operation and is engineered for long-term, maintenance-free service. Backward-compatible with the CAPT® 040 series, CAPT® 040+ is ideal for modern electrical equipment requiring higher current capacity and reliable operation.

Conformities of CAPT® 040+:

- Full compliance with IEC 60214-1 (tap changers – performance requirements and test methods)
- Full compliance with IEEE C57.131 (standard performance requirements and test methods for tap changers)
- Full compliance with REACH
- PFAS free



"More current. Less space. With CAPT® 040+, customers no longer have to choose between compactness and performance."

Petra Wiethoff | Product Manager

Your advantages at a glance

- **Specific design to withstand high current ratings, up to 2700 A**
- **Highly customizable design, adaptable to transformer's needs**
- **Direct and remote control available**
- **Maintenance-free throughout the entire service life of the transformer**
- **Full compliance with IEC 60214-1 and IEEE C57.131**
- **Compatible with mineral oils and alternative insulation liquids**

Technical data	CAPT® 040+
Maximum voltage for equipment	26 kV / 36 kV / 52 kV / 73 kV
Max. rated current	1000 A / 1600 A 2700 A with parallel contacts and non-enforced current splitting (in accordance with IEC 60214-2)
Number of stages	1 - 6
Number of operating positions	2 ... 15
Number of decks per column	1 - 4
Number of columns	1 - 3
Rated frequency	50 Hz / 60 Hz
Drive	Manual drive (070-1.xxx) / Motor drive (DETC CONTROL)
Insulating fluid	Mineral oils in accordance with IEC 60296 Compatible with synthetic and natural ester liquids
Temperature of the insulating fluid during operation	Standard: -40 °C to +115 °C Optional: -60 °C or +155 °C
Type tests	In accordance with IEC 60214-1:2014 and IEEE C57.131-2024

Reinhausen GmbH, Falkensteinstr. 8, 93059 Regensburg, Germany, Phone: +49 941 4090-0
CAPT® 040+, IN13878834/00, 11/26, uw, ©Reinhausen GmbH, reinhausen.com