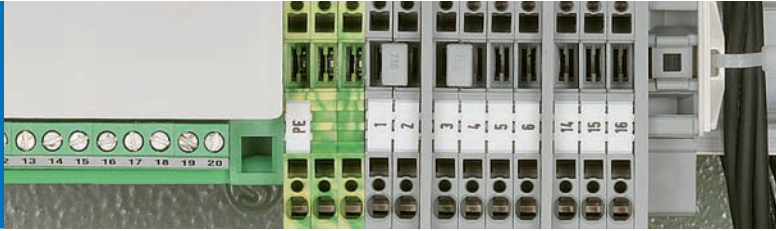


www.reinhausen.com

TAPMOTION® DD

Manual Drive TAPMOTION® DD





The manual drive TAPMOTION® DD. In the end only quality counts.

If you are looking for uncompromising quality and reliability in a manual drive unit, the TAPMOTION® DD is your choice. It unites our decades of practical experience and provides one uniform design for all MR off-circuit tap-changers.

Naturally the device also meets the requirements of IEC 60214-1. And don't forget – the TAPMOTION® DD is also particularly easy to install.

The TAPMOTION® DD is tough

The housing (tank and cover) is made of corrosion-resistant cast aluminium, so that the TAPMOTION® DD is able to handle even the most extreme weather conditions.





Safety first

- All electrical and mechanical components of the manual drive are protected against accidental touch (BGV A3).
- A warning message can be issued if the cover and the lock are removed.
- Synchronism monitoring of manual drive and off-circuit tap-changer (drive shaft monitoring).
- The transformer is automatically disconnected if the off-circuit tap-changer is operated (tap-change supervisory control).

By experts for experts

The TAPMOTION® DD displays all its strengths during everyday operation:

- Clear and easy-to-read indicator field providing comprehensive information on regulating range, position of the manual drive unit and off-circuit tap-changer, tap-change progress and number of tap-change operations.
- Modern cage-clamp terminal technology.
- Electrical remote position indication for up to 17 positions.
- Functional separation of position transmitter plate and position transmitter (interchangeability of different remote position indications).
- Uniform mounting and drive geometry for all TAPMOTION® DD models.
- Anti-condensation heater optional.
- Maintenance-free for up to 20,000 tap-change operations.



Technical data

Protective housing	Outdoor design, IP 55 protection
Gearing	Transmission gear for hand crank operation, ratio 2:1, auxiliary gear for position indication and blocking of drive mechanism
Max. applicable torque	Approx. 90 Nm at the output shaft with 200 N applied to the hand crank handle
Number of operating positions	Max. 17
Number of hand crank revolutions per tap change	8
Tap position indicator	Dial behind inspection window
Tap change progress indicator	Display behind inspection window
Safety devices	<p>Mechanical locking Padlock; operation is only possible after the key has been turned (forced engagement)</p> <p>Electrical locking Cam-operated switch; tap-change operation after unlocking via operating lever Switching capacity: 24 ... 250 V = 100 W AC/DC</p>
Housing dimensions	420 x 434 x 199 mm (W x H x D)
Weight	Approx. 25 kg
Temperature range	-45 °C to +70 °C

