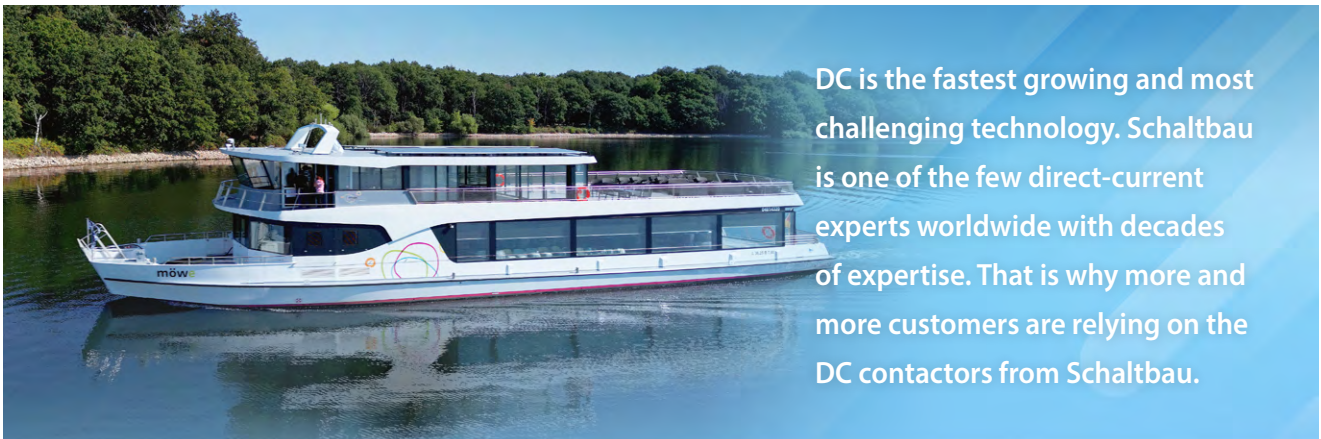


DC contactors CP

Lux-Werft relies on contactors from Schaltbau for safe operation of their electric and hybrid passenger ships and ferries



DC is the fastest growing and most challenging technology. Schaltbau is one of the few direct-current experts worldwide with decades of expertise. That is why more and more customers are relying on the DC contactors from Schaltbau.

Customer profile

- Customer: Lux Werft und Schifffahrt GmbH
- Application: Electric and hybrid passenger ships and ferries
- Industry: Marine
- Country: Germany

Customer case

- Lux-Werft equips new and used ships with innovative and environmentally friendly propulsion technology.
- The customer was looking for a DC contactor that can safely disconnect the battery-powered drive trains running in parallel from the battery supply under full load.

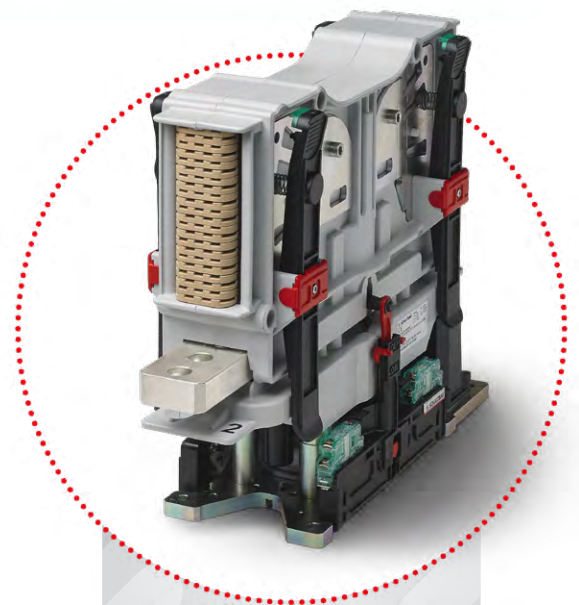
Schaltbau solution

- To meet the customer's needs, Schaltbau has offered the high-performance contactor CP.
- The fully bi-directional CP contactor has an extremely high breaking capacity up to 3 kV and 2000 A.
- At the same time, thanks to the integrated electronic economy circuit, the contactor meets the requirement for very low contact resistance and low power consumption when switched on. This ensures a low total cost of ownership (TCO).

Further customer benefits:

The contactor has a long service life due to:

- Exclusively permanent-magnetic blowout – no critical currents and low wear of main contact
- Easy maintenance: Toolless inspection of main contact tips and replacement of the arc chamber



CP series

Single-pole
bi-directional
DC contactors for
up to 3,000 V / 2,000 A