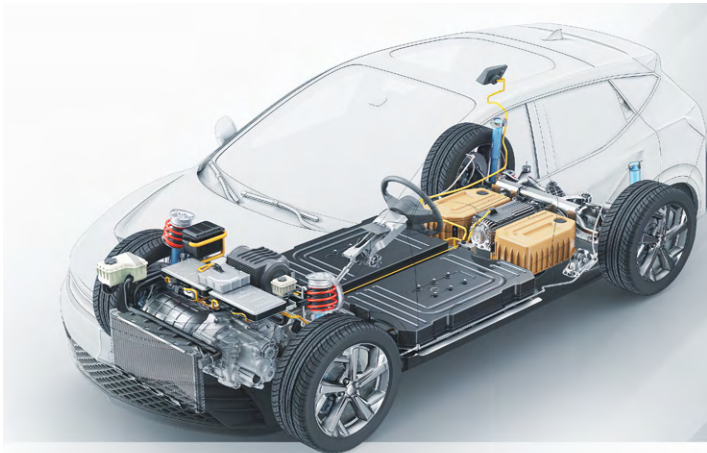


DC contactors CT

Schaltbau DC contactors ensure safety of battery testing solutions for e-mobility



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

- Application: Battery simulation and testing, powertrain, engine and electric motor test beds
- Industry: Automotive
- Location: Austria

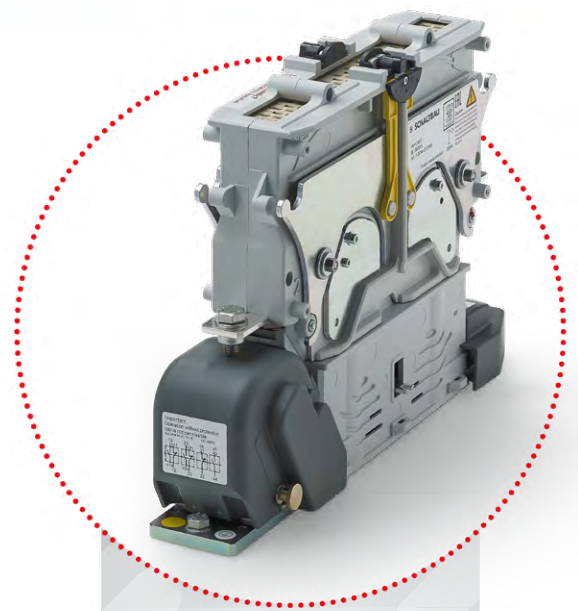
Customer case

- A leading manufacturer of battery test systems for electric and hybrid vehicles was looking for a reliable specialist with proven expertise in direct-current switching and controlling.
- Design-in guidance, technological know-how and problem solving as well as the fulfillment of normative requirements were very important factors for the customer.
- Schaltbau is a specialist in direct current and customer specific solutions with decades of experience in development and manufacturing.

Schaltbau solution

The customer relies on DC contactors from Schaltbau for different applications such as transmission and powertrain test beds, battery simulation and testing, engine and electric motor test beds. The main advantages of our DC contactors are:

- High bi-directional current breaking capability and excellent isolation parameters
- Very low contact resistance, low heat dissipation and high current carry capability
- Robust „contact tip“ design, which means lowest probability of „stuck on“ failure
- Components with very high electric life/endurance, switching under load and short circuit simulation without contacts welding
- Aux. contacts for safe feedback loop acc. to IEC 60947-4-1, Annex F or IEC 60077



CT series

Single-pole
bi-directional
DC contactors for
up to 3,000 V / 1,100 A