

DC contactors CT1230/11

Schaltbau increases reliability of electric drives for heavy mining trucks



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: Electric drive systems for heavy mining trucks
- Industry: Heavy Mining Equipment
- Country: USA

Customer case

- A world leading manufacturer of construction and mining equipment, with over 4 million products in use around the globe
- Safe and reliable DC contactors were an important factor in the design to support the availability goals higher than 90%
- Stringent shock and vibration requirements.

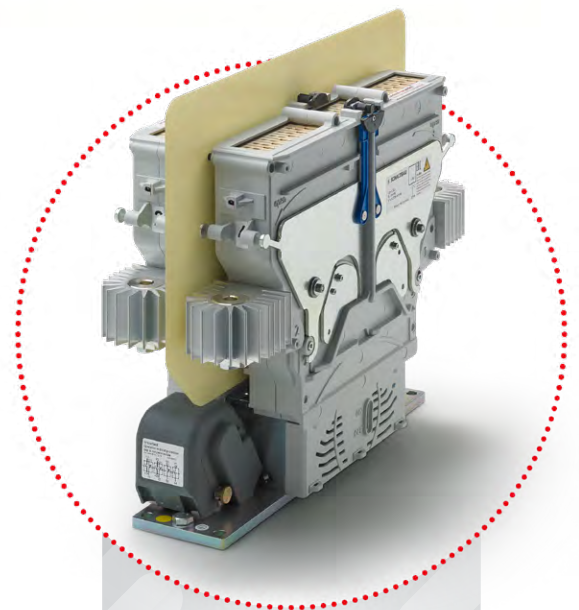
Schaltbau solution

Schaltbau DC contactors have improved safety and reliability by:

- having high shock and vibration resistance (approved by customer's test)
- outstanding arc extinguishing technology, especially designed for heavy-duty applications
- switching under load no matter if charging or discharging (bi-directional)

Further customer benefits:

- Local customer assistance throughout the product lifecycle by experienced Schaltbau engineers
- Extensive testing and design-in support
- Certified products according to highest safety standards



CT1230/11 series

2 pole
bi-directional DC
NO contactors for
up to 3,000 V / 1,100 A