

CEX Field Excitation Contactors

Elec CEX Field Excitation Contactor: 80 – 5000A

The CEX Field Excitation Contactor is used to switch on and cut off the excitation circuit of a machine, inserting a discharge resistor at the terminals of the inductor at the time of the break. The CEX Field Excitation Contactor is for the excitation and de-excitation of power inductors up to 900MW and more. The CEX Contactors are made up of 1, 2 or 3 magnetic arc-blow-out poles and of one opening pole called a "rupturing pole." On opening, the rupturing pole closes before the main poles open.

Features/Benefits:

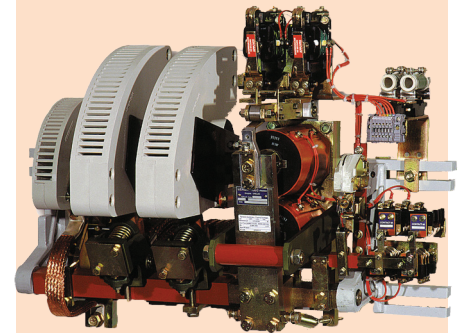
- Bar contactor is adaptable to customer needs regarding options for high mechanical strength and number of operations
- Electrical or mechanical latching
- Variety of auxiliary contacts

Highlights:

- 1, 2 or 3 magnetic arc-blow-out contactor poles:
 - silver alloy contacts for caliber 80 to 5000 A.
 - copper contacts (on request).
- One magnetic arc-blow-out dosing pole without mechanical overlapping with the contactor poles.
- One mechanical latching with single or double electrical release.
- Magnetic circuit for over-excited coil supplied with DC current:
 - Closing: economy resistor for caliber 80 to 200A, delivered separately.
 - Opening: one NO contact connected in series with the coil opening at the same time as the contactor.

Applications:

- Power generator excitation systems



Ratings:

Volts : 110 to 2000 VDC
Amps : 80 to 6200A

Approvals:

- Designed according to VDE 0110 Gr. C/IEC 60947