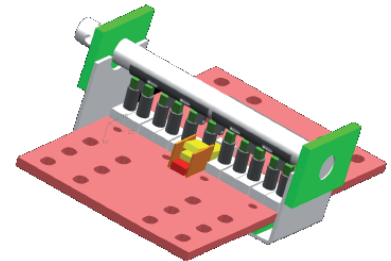


For B Range

SHORTING SWITCH

From 1 to 50 kA – up to 100 V

- Designed to short circuit electrolysis cells
- Self-cleaning contacts
- Pneumatic Drive



Applications

In electrolysis, a number of tanks are installed in a series so the power supply to one tank cannot be cut off without cutting off power supply to the whole series. The most widely used technique to put one tank out of operation is to short circuit it and shunt the current running through it to a shorting switch.

- Electrolyse (mercury cells)
- Electro-Plating & Electro-Refinery

For B range

Concept : Each shorting switch is composed of several groups of contacts (modules) in parallel, operated by the same shaft. Those modules are spread out along the tank.

Electrical characteristics

- **Type of contacts:** Each module has a set of main contacts and breaking contacts. When it closes, the mobile contacts slide on the fixed contacts, cleaning them automatically and eliminating any unwanted by-products that may have settled on them.
- **Voltage drop and temperature rise:** At rated current, the voltage drop at the device's terminals does not exceed 50 mV and temperature rise is limited (less than 70°C).

Dimensions and weight

Example of an installation

