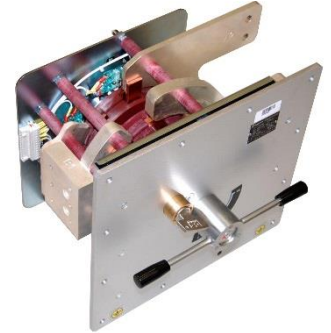




Collecting
power to drive
your innovation



No load switches

Disconnecting and earthing switches



Fully customizable to fit customer requirements

Modular design allows to customers to assemble multipole configuration

Very high short circuit current withstand

- **EARTHING SWITCHES**

For safe earthing and accidental discharging of traction circuits equipped by the capacitors

Spring snap action mechanism to help the operator to switch the lever

Safe discharging

- **NO LOAD SWITCHES**

Multipole and multiposition switching programs allow variable solutions for multisystem locos

No load switches are designed for powerless reconnecting circuits of the traction vehicle



CUSTOMER BENEFITS:



Robust design



Fully customizable to fit customer requirements



Service proven solution

Prototype



Ready to quote



Ready to produce



In production



Designed for 750V, 1500V and 3000V DC applications

Main contacts may be positioned on the same side of the transfer switch or on both its sides according to the number of positions and poles

Installation in the boxes under the vehicle frame, on the roof or inside the vehicle

Safe discharging up to 109 kA (up to 30 times) - earthing switches

Designed for variable currents from 100 to 2000 A - no load switches

References: 20 years of experience

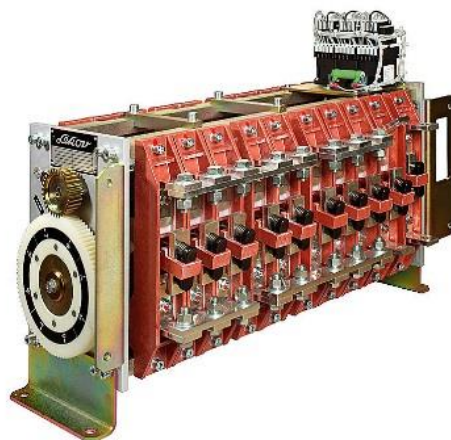
- Compliant with IEC 60077, EN50124-1 and EN50163
- EN45545-2 compliant

Variability:

- 2-4 positions of the lever depending on the device type
- Cam, bridge or knife design of the switch
- Manual, electric or electro pneumatic control
- Number of poles and positions and switching programs of both main and auxiliary contacts

Product specification

Temperature range	-25° C to +50° C (could be changed)
Rated voltage	Up to 3 kV DC
Nominal current	Up to 2000 A
Control voltage	(24, 72) 110 V DC
Overvoltage category	OV2/OV3 EN 50124-1
Pollution degree	PD2/PD3 EN 50124-1
Number of poles	Up to 18 poles integration



To discover everything no load switches can do, contact

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