Load break switch & other products

LKE Medium Voltage Systems

LKE-GLBS (12kV SF6 load break switch)

The load break switch is designed for applications within indoor or outdoor medium voltage switchgear panels. It consists of a three position rotary switch mechanism mounted in an epoxy gas tank and sealed within SF6 gas.

The LKE-GLBS has the following features:

- High load breaking capacity (transfer current or maximum breaking capacity.
- Large creep age distances and superior insulation properties.
- Arc proof and tested for internal arcing.
- Maintenance free or low maintenance requirements.
- Compact dimensions.
- Rugged design ensures long mechanical and electrical life.
- Low gas pressure system requiring less than 1 kg of SF6 per switch.

Typical Metal enclosed panel with GLBS Load break switch

LCA-G switchboard:

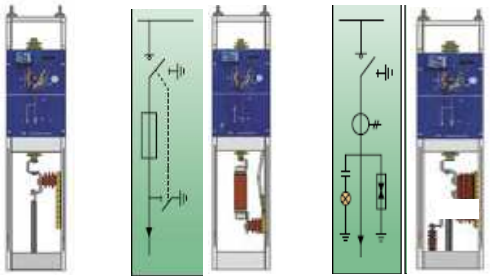
The LCA-G switchboard is a modular system consisting of extensible panels.

- They are ideal for applications where space limitations are severe.
- Their compact dimensions make them ideal for applications within prefabricated mobile or underground substations.
- The modular system makes “LCA-G” the ideal solution in retro-fi t or system expansion projects.
- The reduced dimensions and weight of the cubicles allows for ease of handling and prompt installation.
- Its safe and reliable design allows for a wide range of applications:
- Prefabricated outdoor substations and RMUs
- Industrial switchboard systems for M.V. power distribution
- As isolating devices in primary stations.
- Protection of downstream devices.

GLBS with fuse protection

Electrical Characteristics	Unit	Value
Rate Voltage	kV	12/17.5
Withstand voltage to earth and between poles	kV	28
Withstand voltage across isolating distance	kV	32
Impulse withstand voltage to earth and between poles	kV	75
Impulse withstand across isolating distance	kV	85
Rated current	A	630
Rated short –time current	kA	20

Typical applications:



OUTEC CONTROLS cc *for* LKE (Lauritz Knudsen Electric) medium voltage switchgear

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