

**LLS II-72.5-245 kV Load and line switcher**



**HV Switching**

## The future of Load Break Switches is here now

- If you need to add versatility to your substations or transmission lines using a modern SF<sub>6</sub> gas load break switch.
- If you need a load break switch capable of interrupting up to 3150 amperes of load current. (72.5 kV to 245 kV).
- If you need to break large amounts of line charging current - up to 300 amperes. (Example: long transmission lines).
- If you want to stay away from the operational problems, performance problems, safety concerns, and limitations of vacuum interrupter load break switches.

### Technical data

#### LLS II - 2000

Rated voltage	72.5 - 170 kV	245 kV
Rated mainly active load breaking current (A)	2000	2000
Rated line-charging breaking current (A)	300	200
Rated transmission line closed-loop breaking current (A)	2000	2000

#### LLS II - 3000

Rated voltage	72.5 - 170 kV	245 kV
Rated mainly active load breaking current (A)	3150	2000
Rated line-charging breaking current (A)	300	200
Rated transmission line closed-loop breaking current (A)	3150	3150

<b>Minimal mechanical and electrical endurance</b>	2000 for both the LLS II - 2000 and the LLS II - 3000 (all kV ratings)	
<b>Ambient temperature range (°C)</b>	-40° to +50° (Consult us for -50° applications)	

### Key features and advantages

- Single gap SF<sub>6</sub> puffer interrupters insure disturbance-free switching of loads, lines, and loops
- 2000 full load operations means long life performance
- Visual dielectric indication provides confident switching and enhanced personnel safety
- Fully pressurized shipment eliminates the need for field filling
- Full rated device eliminates concern over switching sequence errors
- Simple toggle mechanism requires low operating effort
- Composite interrupter housing minimizes device's weight and does not break down or track under the UV rays of the sun
- High potential testing upon receipt by customer and periodic high potential testing is never required
- 5-year warranty promises trouble-free operation



Particularly adapted to Coelme / Egic vertical break disconnectors, the LLS-II, also has the added capability of being adapted to a variety of manufacturers' switches for any application requiring:

- Load Breaking
- Line Dropping
- Loop Splitting



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