

LLS II - 72.5 - 245 kV Load and line switcher

Load breaking :
up to 3000 A

Line dropping :
up to 300 A

Loop splitting :
up to 3000 A



HV Switching

Expanded Power Switching Capabilities

The future of Load Break Switches is here now

- If you need to add versatility to your substations or transmission lines using a modern SF₆ gas load break switch.
- If you need a load break switch capable of interrupting up to 3000 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

Maximum voltage	72.5 - 170 kV	245 kV
Breaking capability	2000 A	2000 A
Dropping capability	300 A	200 A
Splitting capability	2000 A	2000 A

LLS II - 3000

Maximum voltage	72.5 - 170 kV	245 kV
Breaking capability	3000 A	2000 A
Dropping capability	300 A	200 A
Splitting capability	3000 A	3000 A

Full load operations 2000 for both the LLS II - 2000 and the LLS II - 3000 (all kV ratings)

Ambient temperature range -40°C to +50°C
(Consult us for -50°C applications)

Key features and advantages

- Single gap SF₆ 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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