



LLS[®]-II

72.5 kV – 245 kV

Switch with Confidence under all System Conditions.

The LLS[®] family of products converts any manufacturers' group operated, vertical break disconnect switch to a Load Break disconnect capable of interrupting load, loop splitting, and line dropping currents in the SF₆ environment of the LLS[®] Interrupter. Concerns about whether the switch can safely open under changing conditions is eliminated.

FEATURES

- Single Gap SF₆ puffer interrupter
- Full Load break rating matching the disconnect rating
- Visual dielectric indication
- Long Life performance – 2000 load break operations
- Maintenance free

SPECIFICATIONS

Maximum Voltage Ratings

72.5 kV – 245 kV

Load Breaking Ratings

Up to 3000 A

Line Dropping Ratings

Up to 300 A

Loop Splitting Ratings

Up to 3000 A

Vertical Break Disconnect Adaptations

Horizontal Upright Mount

Vertical Mount

Side mounted phase-over-phase

LLS®-II
72.5 kV – 245 kV



RATINGS			
LLS-II-2000	Maximum Voltage Rating (kV)	72.5 - 170	245
	Load Breaking Capability	2000 A	2000 A
	Line Dropping Capability	300 A	200 A
	Loop Splitting Capability	2000 A	2000 A*
	Full Load Operations	2000	2000
	Ambient Temperature Range	-40° C to +50° C standard	

RATINGS			
LLS-II-3000	Maximum Voltage Rating (kV)	72.5 - 170	245
	Load Breaking Capability	3000 A	2000 A
	Line Dropping Capability	300 A	200 A
	Loop Splitting Capability	3000 A	3000 A*
	Full Load Operations	2000	2000
	Ambient Temperature Range	-40° C to +50° C standard	

* The LLS®-II 2000 & LLS®-II 3000 can be utilized for loop splitting applications up to 245 kV as long as the transient recovery voltage (TRV) does not exceed 95 kV.

KEY ADVANTAGES

- Single gap SF₆ puffer interrupters insure disturbance-free switching of loads, lines, loops, power transformers, cables, buses, and reactors
- 2000 full load operations means long-life performance
- Shipped fully pressurized and ready for installation
- Factory high potential testing eliminates need for field test
- Visual dielectric indication via a color coded, temperature compensated gauge provides confident switching and enhanced personnel safety
- Full rated device eliminates concern over switching sequence errors
- Simple toggle mechanism has low operating effort
- Composite interrupter housing minimizes device's weight and does not break down or track under the UV rays of the sun
- Can be mounted on horizontal upright and vertically mounted vertical break switches as well as side mounted phase-over-phase vertical break switches