



## LLS<sup>®</sup> - IC

### Switch with Confidence under all System Conditions.

The LLS<sup>®</sup> family of products will convert 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 SF<sub>6</sub> environment of the LLS<sup>®</sup> Interrupter. Concerns about whether the switch can safely open under changing conditions are eliminated. The LLS-IC replaces the LLS-I and is a direct bolt-in with identical ratings.

#### FEATURES

- Single Gap SF<sub>6</sub> puffer interrupter
- Full load break rating through 72.5 kV
- Visual dielectric indication
- Long Life performance – 2000 load break operations
- Maintenance free
- Vertical Break Disconnect Adaptations
  - Horizontal Upright Mount
  - Vertical Mount
  - Southern States ES-1 Transmission Switches
- Direct bolt-in replacement for LLS-I

#### SPECIFICATIONS

##### Maximum Voltage Ratings

38 kV - 72.5 kV  
123kV - 245kV (loop splitting only)

##### Load Breaking Ratings

2000 A 38 kV to 72.5 kV

##### Line Dropping Ratings

300 A 38 kV to 72.5 kV

##### Loop Splitting Ratings

2000 A 38 kV to 245 kV

# LLS<sup>®</sup> - IC

LLS <sup>®</sup> - IC	RATINGS		
	Maximum Voltage Rating	38 - 72.5 kV	123 - 245 kV
	Load Breaking Capability	2000 A	N/A <sup>1</sup>
	Line Dropping Capability	300 A	N/A
	Loop Splitting Capability	2000 A	2000 A <sup>2</sup>
	Full Load Operations	2000	N/A
	Ambient Temperature Range	-40° C to +50° C	

1. For load break applications above 72.5 kV, see LLS-II catalog flyer or consult factory.

2. The LLS<sup>®</sup>-IC can be utilized for loop splitting applications up to 245 kV as long as the transient recovery voltage (TRV) does not exceed 30 kV.

## KEY ADVANTAGES

- Single gap SF<sub>6</sub> puffer interrupters insure disturbance-free switching of loads, lines, loops, power transformers, cables, and buses
- 2000 full load operations means long-life performance
- 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 substation and transmission vertical break switches as well as transmission multi-way switches
- Shipped fully pressurized and ready for installation

