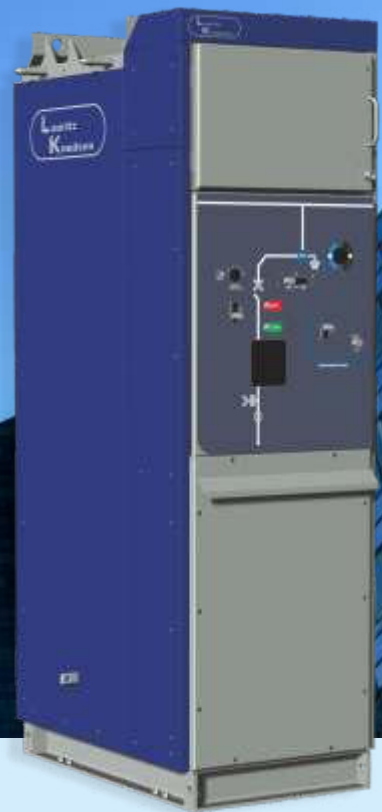


# GV3N Secondary GIS

36kV 630A upto 25 kA  
SF<sub>6</sub> GAS INSULATED SWITCHGEAR



## Minimal maintenance, compact, and modular SF<sub>6</sub> insulated distribution switchgear

Introducing Lauritz Knudsen Electrical & Automation GV3N modular SF<sub>6</sub> distribution switchgear, incorporating time tested vacuum interrupter based circuit breaker.

GV3N has been designed, keeping in mind the requirements of higher operational safety with minimal maintenance and sealed for life system. GV3N's modular design provides a perfect platform for building reliable distribution network in compact space.

With a worldwide after sales and service network, Lauritz Knudsen Electrical & Automation ensures that the prompt support is provided by our experts at all time.

**Plug in Busbar  
(Front Cable Entry)**



**Busbar Connection**



**Seal off or Plug-in bushing for Busbar coupling**

**Electrical Characteristics**

Rated Voltage	kV	36
Rated Current	A	630
Rated Frequency	Hz	50
Rated Short Time Current	kA/3sec	20/25
Rated short circuit Making Current	kAp	50/62.5
Rated short circuit symmetric breaking Current	KA	20/25
Rated Lightning Impulse Voltage (1.2/50 Micro Sec.)	kVp	170
Rated a.c. 1 min pf voltage	kV rms	70
Width*	mm	550
Depth*	mm	910
Height*	mm	2030

\*Width, Height and Depth may vary on different configurations.

**Design for safety**

Lauritz Knudsen Electrical & Automation regards safety as the most important specification of switchgear design and operation and the following proven safety features have been built into type GV3N.

- › No exposure to live parts
- › Operational safety due to incorporation of permissive interlock, proof of earth, point of isolation, etc.
- › Comprehensive pad-locking facilities
- › Mimic diagrams and position indicators to guide the operators

Product variants	Features	Customer Benefits
<ul style="list-style-type: none"> <li>› Circuit breaker incomer and outgoing panel</li> <li>› LHS Extensible</li> <li>› RHS Extensible</li> <li>› Both side Extensible</li> <li>› Metering panel (Optional)</li> </ul>	<ul style="list-style-type: none"> <li>› Compact foot print with rigid structure</li> <li>› VCB &amp; 3 position disconnect switch in SF<sub>6</sub> Gas Insulation</li> <li>› Plug in Busbars in SF<sub>6</sub> gas with Link type inter panel connections</li> <li>› Outer cone cable termination and All Front Access</li> <li>› Safety &amp; positive interlocks</li> <li>› Cable compartment interlock (on request)</li> <li>› Pad-lockable &amp; motorised VCB &amp; 3-position isolator</li> <li>› Fully modular design with extension on both sides</li> <li>› Minimum SF<sub>6</sub> content</li> </ul>	<ul style="list-style-type: none"> <li>› Reduces cubicle space by &gt;35%</li> <li>› Suitable for highly polluted environment</li> <li>› Safe operation behind close door</li> <li>› Ease of installation &amp; sealed for life</li> <li>› Peace of mind with almost zero maintenance</li> <li>› Productivity maximization</li> <li>› No fire risk</li> <li>› Future extensible</li> </ul>



**Lauritz Knudsen Electrical & Automation, Electrical System & Equipment - Head Office**  
 7th Floor-TC II, Tower B, Prima Bay Gate No.5, Saki-Vihar Road,  
 Powai, Mumbai - 400 072, India.  
 Website: [www.LK-EA.com](http://www.LK-EA.com)

**Sales Offices - India**  
 Bengaluru, Chennai, Hyderabad,  
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