

Do you need to upgrade your Network Solution?



LINAK® iSwitch™ System

System overview - iSwitch™

The iSwitch™ family of products provides a modern approach to Switchgear Automation in the form of a non-intrusive solution.

The iSwitch enables existing manual switchgears to be "network compatible" to the developing modern Power Grid Network. LINAK® has developed a modular system that provides a number of engineered solutions to meet varying applications.

In this folder we would like to introduce you to the iSwitch system. Please contact your local sales department for in-depth information

iMotor™

The iMotor from LINAK provides the movement of the iSwitch system. The iMotor module can be adapted to provide a linear or a rotary action depending on the type of Switchgear.

To enable the iMotor to fit to different types of switchgears, a number of adaptors are available which allow use of the existing manual handle.

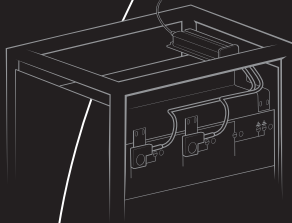
Auxillary In-/Outputs

There are a number of additional signals that can be accommodated by the iSwitch system to provide a comprehensive remote control and monitoring package

Remote switching

The iSwitch is capable of being controlled and interrogated via a number of different methods. GPRS is provided as a standard feature, in addition many different types of radio modem systems can be used to interface with the iSwitch.

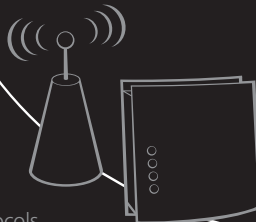
The iSwitch operating system supports many protocols including DPN3 or IEC 101/104.



NetLink™

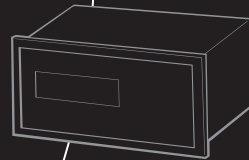
The comprehensive PC toolbox from LINAK makes it easy to choose the iSwitch:

- Commission the system with intuitive graphical tools
- Do controls at site with a click
- Diagnose iSwitch. Easily find communication issues, check battery status etc. - it's just a click away



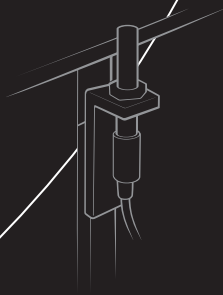
Gas Sensor

There are a number of options that can be monitored by the iCom including SF6 Gas pressure. A simple detector can be supplied to monitor a low gas pressure. This can be used to generate a remote alarm if required. In certain cases this can be used as part of the iSwitch system logic to prevent unauthorised operation of the switchgear



Short-Circuit and Earth fault indication

"The iCom can be configured to accept a variety of third party generated signals, including Short Circuit and Earth fault indications, adding value to the iCom field monitoring performance."



Lid-Sensor

– Used where there is a requirement to monitor and prevent unauthorised access to the RMU. If the sensor is activated it is not possible to switch and the control room will be advised automatically.



iCom™ - the power and control module



Battery

The iSwitch battery from LINAx provides standby power for remote operation in event of a local power failure. A comprehensive battery charging and monitoring system embedded in the iPower system ensures Battery support under critical Network failures and loss of local Auxillary supplies.

Our **NETLINE™** division addresses the operators of electricity distribution networks, equipment manufacturers and contractors to this industry. Our main focus is switchgear automation solutions.

For further information, please visit our website www.netline.linak.com

iMotor™



Battery



iCom™



iSwitch™