

InsuLogix® SSK

SAFE SAMPLE KIT

InsuLogix® SSK offers crews safe, secure, and easy access to the transformer oil sampling valve and the headspace nitrogen blanket on the outside of the pad mount transformer cabinet. The InsuLogix® SSK patented technology is easily installed and eliminates the future need for costly outages during routine or emergency oil sampling.

OIL SAMPLING APPLICATIONS

- Pad mount transformers
- OLTC
- Pad mounted switchgear

InsuLogix® SSK DESCRIPTION

The main InsuLogix® SSK assembly is comprised of an oil sample port, a nitrogen (N₂) gas inlet port, and a pressure gauge all mounted within a corrosion resistant housing. This assembly mounts through the side of the transformer control cabinet and is connected to the transformer oil sample port and gas inlet port using the supplied hoses and fittings. Once installed, the InsuLogix® SSK provides access to these components without the need to open the cabinet.

FEATURES

- Patented Design
- Flush mounted on cabinet wall – No bulky external box
- Secure / Pad Lockable
- Includes easy access oil sampling port, pressure gauge, and N₂ fill valve
- Stainless steel connections for all oil lines
- Corrosion resistant housing
- Optional terminals to detect internal fault / overpressure event



Patented InsuLogix® SSK

BENEFITS

- Designed for easy installation (< 1 hour) in the field or repair shop / factory
- Crew Safety – No arc flash exposure / No live lines when sampling oil
- O&M Cost Reduction – Oil Sampling without costly outages – no opening the cabinet doors, isolating, and grounding required
- Reliability: Crews can add N₂ to assure positive pressure and avoid possible damage if the transformer has negative pressure
- Easier external access improves crew efficiency and sample integrity for more accurate lab results

OPTIONS

The InsuLogix® SSK can also be supplied with wiring terminals which, using a digital multimeter, can be used to verify the state of the InsuLogix® RFM (Retrofittable Fault Monitor) contact without opening the cabinet.

INSTALLATION

Installation of the InsuLogix® SSK is quick and easy. An adhesive cutout template is provided with the kit to aid in making the proper mounting holes. Four studs secure the unit to the cabinet and together with the provided gasket makes for a weather tight seal to keep out the elements.

With the housing installed, the oil sample line and gas line can be connected using the fittings supplied with the kit.

Note: Refer to the InsuLogix® SSK Installation Instructions for step-by-step instructions on kit installation.

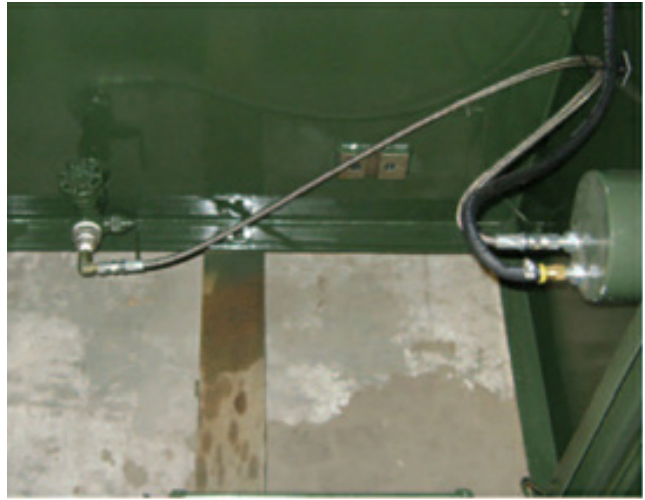
Tech Support: 888-317-2508
weidmann-electrical.com/ssk



INSTALLATION PHOTOS



Installer drilling holes indicated on template



Connection from Oil Valve to InsuLogix® SSK



Connection from N₂ Valve to InsuLogix® SSK



Pad-lockable for Security

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