Replacement Pilot Valves for Oil and SF₆ Gas Westinghouse Circuit Breakers

For Westinghouse circuit breakers including:

√ All breakers equipped with the type AA-7, AA-10, and AA-14 pneumatic mechanisms

√ Type SP Circuit Breakers with Norgren control valves

√ 138 kV, 161 kV, and 230 kV type SF Circuit Breakers with AA-10R80 pneumatic mechanisms

* Not for use with live tank type SF and SFA circuit breakers with the AH-7 and AH-10 pneumatic mechanisms

Application
The ABB Pilot Valve Replacement Kit is a universal kit which can replace the numerous older style pilot valves used on the Westinghouse Type AA pneumatic mechanisms. The kit can be used on 12 through 250 volt DC control systems.

Benefits
The ABB Pilot Valve Replacement Kit is a cost-saving critical spare part which can be stocked to replace multiple different types of older style pilot valves. The non-lubricated valve provides extremely consistent, repeatable operation making it ideal for improving system reliability. It is highly recommended for synchronizing service and for independent pole switching applications where delayed or intermittent circuit breaker closing may result in equipment or system damage or disagreement tripping. The design features easy coil replacement, a manual override push button, and provision for adding a second operating coil, if desired.

Kit Description & Order Number
The ABB Pilot Valve Replacement Kit contains all the parts necessary for installation on the applicable circuit breakers including:
- Pilot valve with coil and manual override push button.
- Adapter plates to mount to various control valves
- Gaskets and “O” rings
- Fasteners(including bolts and lock washers)
- Gasket grease
- Adjustable resistor with mounting clips
- Complete installation and wiring instructions

To order, specify style number: 5864B14G01

Reclose time may change slightly after installation. It is recommended timing tests be repeated after installation to establish a baseline for future maintenance.

For more information, please contact:

ABB Inc.
High Voltage Service
100 Distribution Circle
Mount Pleasant, Pennsylvania, USA
Phone: +1 (724) 696-1300
Fax: +1 (724) 696-1379
www.abb.us/hvservice

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