DOBLE PROTECTION TESTING

F5851
Recloser Control Interface Cables

OPTIMIZE DISTRIBUTION TESTING CAPABILITIES WITH ACCESSORY CABLES FOR YOUR DOBLE POWER SYSTEM SIMULATOR

The F5851 Recloser/Controller Interface Cables are a series of performance-rated cables for testing distribution reclosers and sectionalizers. Each unique cable is specific to the application, providing easy connectivity to a control unit from a F6150/e/sv Power System Simulator. Use Protection Suite and RTS software to perform all protection-scheme tests, protection elements, perform operation (dynamic) testing, check scheme logic, and confirm proper operation of communication schemes. Test results can be stored in PowerBase and PB-Lite database solutions.

FEATURES

- Cable sets connect the F6150/e/sv to simulate the external power system, providing the proper conditions for testing
- Each cable provides the required number of voltages and currents to a specific recloser or control unit

BENEFITS

- Verify all protective elements and preform set tests
- Simulate and test single-pole and multi-pole reclosing operations to verify proper lockout and reclose-timing intervals
- Confirm proper switching and fault-reclosing operational coordination
- Choose the cables you need - select the cable sets for the recloser control types you need to test

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# DOBLE F5851 RECLOSER/CONTROLLER INTERFACE CABLES

<table>
<thead>
<tr>
<th>CABLE</th>
<th>RECLOSING OR SWITCHING DEVICE</th>
<th>COMPATIBLE CONTROL UNITS</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>F5851-8K</td>
<td>Cooper Power/Kyle/Eaton Reclosers with up to six Voltage Sensors*</td>
<td>Cooper Power/Eaton: Type 3, Type 4, Form 5, Form 6 SEL-351R; SEL-651R; SEL-351R Falcon Beckwith Electric M-7679</td>
<td>Test reclosers configured with voltage inputs for tripping and control.</td>
</tr>
<tr>
<td>F5851-14K</td>
<td>Traditional Cooper Power/Kyle/Eaton Reclosers*</td>
<td>Cooper Power/Eaton: Type 3, Type 4, Form 5, Form 6 SEL-351R; SEL-651R; SEL-351R Falcon Beckwith Electric M-7679</td>
<td>Test reclosers configured with a 14-pin connector for threepole tripping capabilities. Test Plans are available using Protection Suite software to perform element and functional operational verification of relay logic.</td>
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<tr>
<td>F5851-26</td>
<td>Compatible with the Cooper NXT recloser. Compatible with the Cooper/Kyle Nova-TS &amp; NovaSTS reclosers with 3 pole &amp; single Pole triple single operation.*</td>
<td>Compatible with the Cooper Form 6TS recloser control SEL651R, Beckwith-7679</td>
<td>Example test plans configured for the 26 pin arrangement are available to perform set point verification and functional operation of the recloser control.</td>
</tr>
<tr>
<td>F5851-32V</td>
<td>G&amp;W Viper Elastimold*</td>
<td>SEL-351R SEL-651R Beckwith Electric M-7679</td>
<td>Test reclosers configured with a 32-pin connector for threepole and single-pole tripping capabilities. Test Plans are available using Protection Suite software to perform element and functional operational verification of relay logic.</td>
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<tr>
<td>F5851-42</td>
<td>Compatible with the G&amp;W Viper, Elastimold MVR, Tavrida OCM AL 4, Cooper NXT, and ABB OVR / Gridshield reclosers*</td>
<td>Compatible Control Units are the Beckwith M-7679 and the SEL-651R with 3 Pole &amp; single pole [triple single] capabilities</td>
<td>Example test plans configured for the 42 pin arrangement are available to perform set point verification and functional operation of the recloser controls.</td>
</tr>
</tbody>
</table>

*Cable configurations with appropriate numbered pins are compatible with reclosers and recloser controls standards.

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