

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



DOBLE F5851 RECLOSER/CONTROLLER INTERFACE CABLES

CABLE	RECLOSING OR SWITCHING DEVICE	COMPATIBLE CONTROL UNITS	DESCRIPTION
F5851-8K 	Cooper Power/Kyle/Eaton Reclosers with up to six Voltage Sensors*	Cooper Power/Eaton: Type 3, Type 4, Form 5, Form 6 SEL-351R; SEL-651R; SEL-351R Falcon Beckwith Electric M-7679	Test reclosers configured with voltage inputs for tripping and control.
F5851-14K 	Traditional Cooper Power/Kyle/Eaton Reclosers*	Cooper Power/Eaton: Type 3, Type 4, Form 5, Form 6 SEL-351R; SEL-651R; SEL-351R Falcon Beckwith Electric M-7679	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.
F5851-26 	Compatible with the Cooper NXT recloser. Compatible with the Cooper/Kyle Nova-TS & NovaSTS reclosers with 3 pole & single Pole triple single operation.*	Test recloser controls with 26 pin Cooper/Kyle configuration Compatible with the Cooper Form 6TS recloser control SEL651R, Beckwith-7679	Example test plans configured for the 26 pin arrangement are available to perform set point verification and functional operation of the recloser control.
F5851-32V 	G&W Viper Elastimold*	SEL-351R SEL-651R Beckwith Electric M-7679	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.
F5851-42 	Compatible with the G&W Viper, Elastimold MVR, Tavrida OCM Al 4, Cooper NXT, and ABB OVR / Gridshield reclosers*	Compatible Control Units are the Beckwith M-7679 and the SEL-651R with 3 Pole & single pole (triple single) capabilities	Example test plans configured for the 42 pin arrangement are available to perform set point verification and functional operation of the recloser controls.

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



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Specifications are subject to change without notice.
 Doble is ISO certified.
 Doble is an ESCO Technologies Company.
 PUBLISHED: JUNE 2019

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