

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 Doble 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 Doble PowerBase™ for greater analysis and reporting.

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
- Pin configurations are compatible with standards for reclosers and recloser controls



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 three-pole 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 	ABB Elastimold ABB Gridshield G&W Viper	Beckwith Electric M-7679 SEL-351R SEL-651R	Test reclosers configured with a 32-pin connector for three-pole 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.



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