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Type SDR distribution recloser controller

Optional Schweitzer Engineering Laboratories, Inc. control relays for 15.5 kV, 27 kV and 38 kV

The SDR controller is available with optional SEL® control relays for use with type SDR reclosers.

The type SEL-351R option utilizes the relay outputs to signal the type SDR controller 48 Vdc switch unit driver (PCB2) electronics and capacitors (PCB3) to control the three-phase type SDR recloser. The four 12 Vdc batteries are charged and monitored by the uninterruptible power supply (UPS) charge controller. Two additional 12 Vdc batteries provide the 24 Vdc control power for the type SEL-351R relay.

Both the SEL-351RS Kestrel and SEL-651R options are equipped with internal power supply modules. These modules utilize their own internal electronics and capacitors which directly control the type SDR recloser operation. Two 12 Vdc batteries provide the control power for each of these options.

All SDR controllers are available with customized accessories and device-mounting provisions upon request.

Type SEL-351R:

- Three-phase trip and reclose operation
- Vertical relay orientation
- One or four secondary voltage inputs – 300 Vac maximum
- Painted ANSI 61 steel control enclosure standard, 304 brushed stainless steel optional
- Three-point latch standard
- Ground fault circuit interrupter (GFCI).



Type SDR distribution recloser controller with optional type SEL-351R control relay



Type SDR distribution recloser cable connections located at the bottom of the controller



Type SEL-651R:

- Three-phase or triple-single trip and reclose operation
- Vertical relay orientation standard; horizontal relay orientation optional
- Available secondary voltage input options:
 - Six 300 Vac maximum
 - Three 1M Lindsey SVM1 LEA and three Siemens type SDR recloser LEA
 - Three 300 Vac maximum and three Siemens type SDR recloser LEA
 - Three 300 Vac maximum and three 1M Lindsey SVM1 LEA.
- Painted ANSI 61 steel control enclosure standard, 304 brushed stainless steel optional
- Three-point latch standard
- GFCI duplex outlet provided for laptop power.

Type SEL-351RS Kestrel:

- Single-phase trip and reclose operation
- Vertical relay orientation
- Secondary voltage input – 300 Vac maximum
- Painted ANSI 61 steel control enclosure standard, 304 brushed stainless steel optional
- Three-point latch standard
- GFCI duplex outlet provided for laptop power.



Type SDR distribution recloser controller with optional type SEL-651R control relay (horizontal orientation shown)



Type SDR distribution recloser controller with optional type SEL-651R control relay (vertical orientation shown with optional terminal covers and customized device mountings)



Type SDR distribution recloser controller with optional type SEL-351RS Kestrel control relay

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