

SEL Direct-Replacement Assemblies



Complete, preassembled retrofit kits for seamless replacements and upgrades

- Streamline retrofit projects with assemblies designed to match the features, form factor, and terminal blocks of legacy relays.
- Install replacements quickly and easily with minimal impact on panels, wiring, and drawing sets.
- Ensure reliable protection with SEL's field-proven relays and industry-renowned warranty and customer support.



Key Benefits

Simple and Cost-Effective Retrofit Solutions

SEL direct-replacement assemblies are complete, preassembled retrofit kits—each designed to match the features, form factor, and terminal block arrangement of a specific legacy relay. These assemblies combine field-proven SEL relays with specialized mounting plates, interposing terminal blocks, and other hardware to ensure quick and seamless upgrades.

Streamlined Installation and Configuration

Each assembly is designed to fit the existing panel opening and mounting holes, minimizing the need for panel modifications. The terminal block arrangement and wiring designations closely match the prior installation, which dramatically reduces the impact on drawing sets, the likelihood of installation errors, and the time required for installation.

Direct-Replacement Assemblies

The following models are now available, and additional assemblies are currently in development. SEL Engineering Services also accommodates requests for custom-assembly designs to meet specific protection, communications, and mounting requirements.

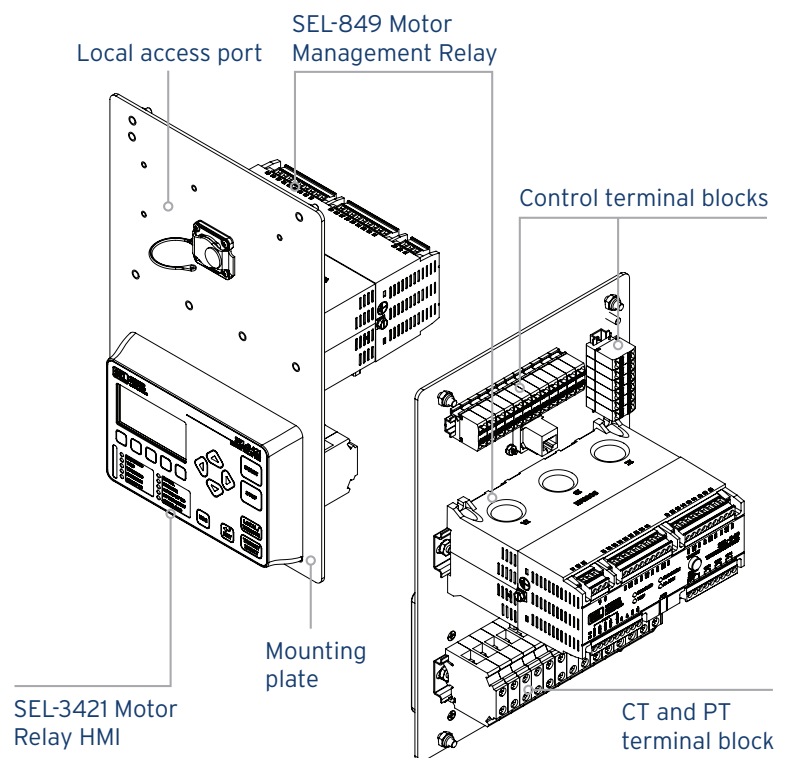
Replacement for GE Multilin 169, 269, and 369 Relays Without RTDs

This assembly is equipped with the SEL-849 Motor Management Relay and the SEL-3421 Motor Relay HMI for motor applications without resistance temperature detectors (RTDs).

The front of the mounting plate contains the SEL-3421 HMI and an Ethernet port for local access. The back of the plate contains the SEL-849 relay and the CT, PT, and control terminal blocks. All connections between the SEL relay and interposing terminal blocks are prewired.

Comprehensive Support

All SEL products are backed by a worldwide, ten-year warranty; no-charge diagnostic and repair services; and local technical support. In addition, SEL Engineering Services offers complete design, settings conversion, installation, and commissioning services—providing turnkey retrofit solutions.



Dimensions (width × height × depth):
6.85" × 10.433" × 5.557" (17.399 × 26.499 × 14.114 cm)

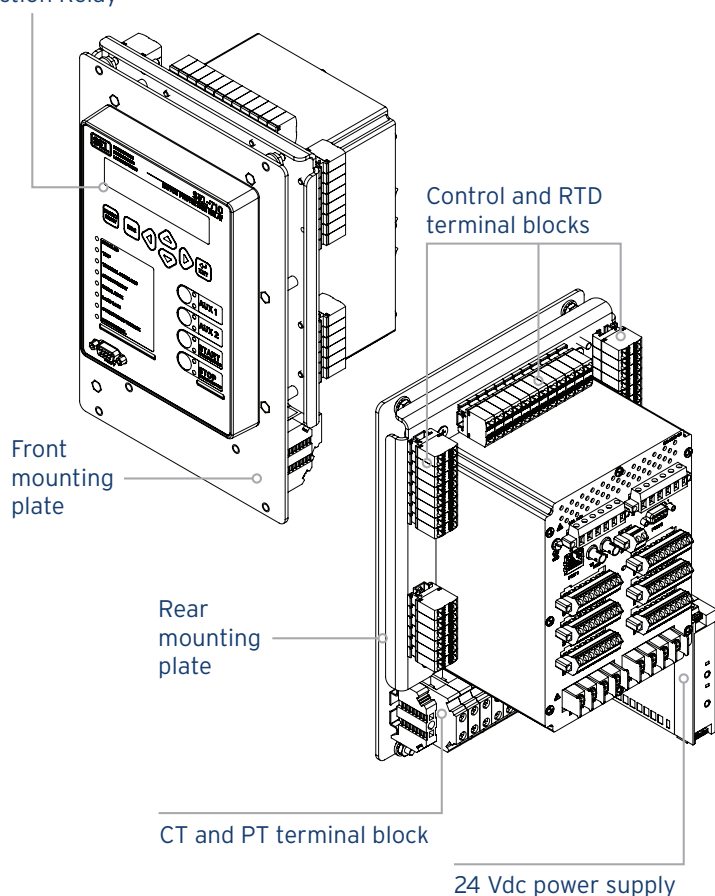


SEL-710 Motor
Protection Relay

Replacement for GE Multilin 169, 269, and 369 Relays With RTDs

This assembly is equipped with the SEL-710 Motor Protection Relay for motor applications with up to ten RTDs. It consists of two components: a front mounting plate and a rear mounting plate.

The front mounting plate contains the SEL-710 relay and the CT and PT terminal block. The rear mounting plate contains the control and RTD terminal blocks and a 24 Vdc power supply to provide wetting voltage. All connections between the SEL relay and interposing terminal blocks are prewired. For shallow compartment applications, two extension rings are available to projection-mount the SEL-710.

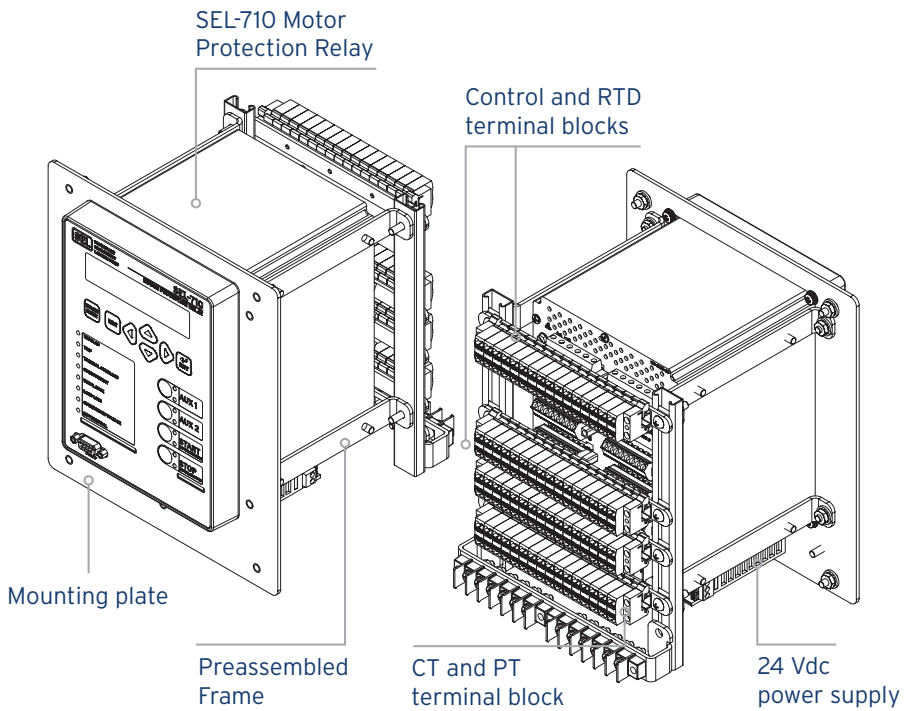


Dimensions (width × height × depth):
6.85" × 10.43" × 5.64" (17.399 × 26.492 × 14.326 cm)

Replacement for GE Multilin SR469 Relays

This assembly is equipped with the SEL-710 Motor Protection Relay for motor applications with up to twelve RTDs. It consists of a mounting plate, frame, and terminal blocks, which all come preassembled as a single unit.

The front of the mounting plate contains the SEL-710 relay. The back of the plate and the adjoining frame contain the CT, PT, control, and RTD terminal blocks and a 24 Vdc power supply to provide wetting voltage. All connections between the SEL relay and interposing terminal blocks are prewired.

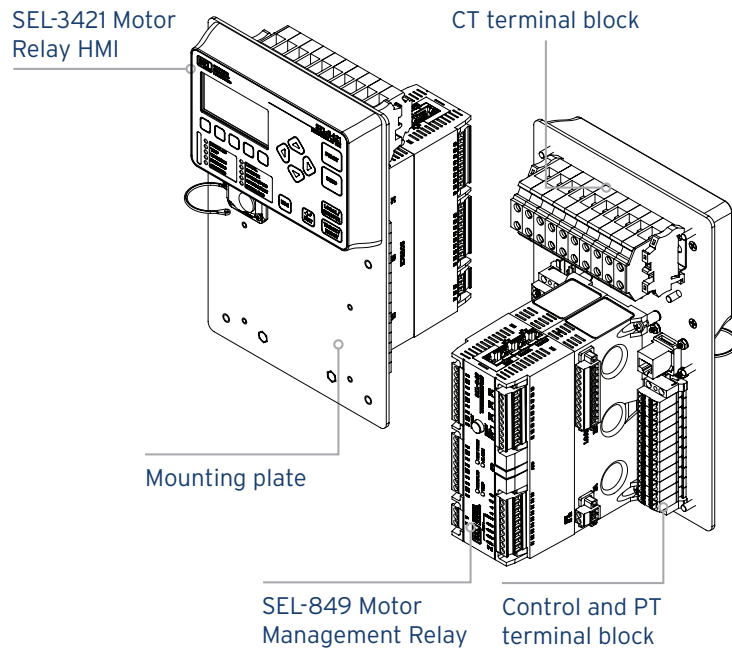


Dimensions (width × height × depth):
7.25" × 9" × 7.64" (18.415 × 22.86 × 19.406 cm)

Replacement for Westinghouse/Cutler-Hammer/Eaton IQ-1000, IQ-1000II, MP-3000, and MP-4000 Relays

This assembly is equipped with the SEL-849 Motor Management Relay and the SEL-3421 Motor Relay HMI for motor applications without RTDs.

The front of the mounting plate contains the SEL-3421 HMI and an Ethernet port for local access. The back of the plate contains the SEL-849 relay and the CT, PT, and control terminal blocks. All connections between the SEL relay and interposing terminal blocks are prewired.



Dimensions (width × height × depth):
4.556" × 8.438" × 5.001" (11.572 × 21.432 × 12.702 cm)



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