

## SEL-2664

### Field Ground Module

Standard with Universal AC/DC Power Supply, ST<sup>®</sup>-Connector Fiber-Optic Transmit Port, and Conformal Coating

Part Number:

2	6	6	4	X	X		X	X	X
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### Firmware

Standard					X				
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### Power Supply

Universal (Standard) <sup>(1)</sup>					X				
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### Mounting

Standard (Wall Mount)							0		
Panel Mount*							1		
Panel Mount with Rack Mount Adapter Plate*							2		

### Conformal Coat

Standard							X		
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\* Additional Cost

<sup>(1)</sup> Universal power supply nominal input voltage range: 24–250 Vdc; 110–240 Vac.

Note: The SEL-2664 comes standard with a CD manual. A printed instruction manual is available upon request.

The SEL-300G Generator Relay requires SEL-2664 Field Ground Module to implement Field Ground Protection element (64F).

### Suggested accessories for SEL-300G/SEL-2664 application:

Fiber-optic transceivers:

- SEL-2812\* EIA-232 multimode fiber-optic transceiver with male DB-9 connector (WI-4600)
- SEL-2814M EIA-232 multimode fiber-optic transceiver with male DB-9 connector (WI-4601)
- SEL-9220 EIA-485 multimode fiber-optic adapter with port-1 compatible connector (WI-9101)

NOTE: SEL-2812MT or SEL-2812MR Fiber-Optic Transceiver can be used because this application does not use the IRIG connection.

SEL multimode fiber-optic cables and patchcord choices:

- Use SEL-C805 multimode 200 µm core cables and patchcords (WI-4092).
- Use SEL-C807 multimode 62.5 µm core patchcords with ST connectors (WI-4132).

Consult an SEL representative for additional information.

### SEL-300G requirements for SEL-2664 application:

If the Field Ground Protection functionality is to be added to an existing SEL-300G installation, use the following checklist to determine the requirements:

Existing SEL-300G	Recommended Actions for SEL-2664 Application
Firmware Version R1xx	Existing relay is not compatible. Consult SEL representative to order new replacement SEL-300G.
Firmware Version R2xx	Existing relay is not compatible. Consult SEL representative for a hardware upgrade or new replacement SEL-300G.
Firmware Version R3xx	Existing relay is hardware compatible. Consult SEL representative to order firmware upgrade to revision R323 or later.
EIA-485 Serial Port Availability	EIA-485 Port availability is required to connect SEL-2664 to SEL-300G using a fiber-optic cable and SEL-9220 fiber-optic adapter, or SEL-2824 fiber-optic transceiver.
EIA-232 Serial Port 2 or Port 3 Availability	EIA-232 Port 2 or Port 3 availability is required to connect SEL-2664 to SEL-300G, using a fiber-optic cable and SEL-2812M or SEL-2814M transceiver.

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**SEL** SCHWEITZER ENGINEERING LABORATORIES, INC.

2350 NE Hopkins Court - Pullman, WA 99163 USA  
Phone: +1.509.332.1890 - Fax: +1.509.332.7990