

SEL-2664S Stator Ground Protection Relay

- Standard With Universal AC/DC Power Supply⁽¹⁾
- Dual 100BASE-FX MM LC Ethernet
- Multimode ST[®] Fiber-Optic Serial Port
- 2 EIA-232 Serial Ports
- 2 Self-Wetted Inputs
- 4 Standard Contact Outputs (1-Form C, 3-Form A)
- 8 Target LEDs
- IRIG-B Time Code Input
- Target Reset Button
- Conformal Coating
- ACSELERATOR QuickSet[®] SEL-5030 Software
- Protection Includes 64S, 59N, and 64F (with external SEL-2664 Field Ground Module connected)
- Protocols
 - SEL ASCII and Compressed ASCII
 - SEL File Transfer
 - SEL Fast Meter, Fast Operate, FAST SER
 - SEL MIRRORRED BITS[®] Communications
 - DNP3 Serial, DNP3 LAN/WAN
 - Modbus RTU, Modbus TCP/IP
 - IEC 61850
 - SNTP, Telnet, Ping, FTP
- UL Approved
- Includes SEL-4664 Calibration Module

Note: Please make sure to order a core balance CT (CBCT) from the accessories (Related parts) along with the SEL-2664S. Order an SEL part number 915900352 (CBCT with 500:1 ratio) if the CBCT is on the neutral voltage transformer or neutral grounding transformer (NGT) primary, **see Figure A or B for application diagram.** Order an SEL part number 915900286 (CBCT with 1000:1 ratio) if the CBCT is on the neutral grounding transformer (NGT) secondary, **see Figure B or C for application diagram.**

Part Number:

2	6	6	4	S		1	X	X	8	3
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Mounting

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

Communications

Standard	X	X	8	3
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Accessories

Fanox CT-1/80-41070, 500:1 Ratio, 50 A Max, 3.14" Diameter. Use when the grounding resistor is on the primary.*	9 1 5 9 0 0 3 5 2
Allen Bradley 193-CBCT3, 1000:1 Ratio, 180 A Max, 2.50" Diameter. Use when the grounding resistor is on the NGT secondary.*	9 1 5 9 0 0 2 8 6
Additional Calibration and Shunt Resistor Kit for SEL-2664S ⁽²⁾ *	9 1 5 9 0 0 5 1 7
SEL-4664 Calibration Module ⁽³⁾ *	4 6 6 4 - 0 0 0 1
SEL-2664S Mounting Conversion Kit*	9 1 5 9 0 0 3 1 0
SEL-C222 Serial Cable for Modem (RS-232, DTE-DCE, DB9 M/DB25 M, Hardware Flow Control)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C227A Serial Cable for PC (RS-232, DTE-DTE, DB9 M/DB25 F, Hardware Flow Control)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C234 Serial Cable (RS-232, DTE-DTE, DB9 M/DB9 F)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C272 Serial Cable (RS-232, DTE-DTE, DB9 M/DB9 M, Hardware Flow Control)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C273 Serial Cable (RS-232, DTE-DTE, DB9 M/DB9 M, IRIG-B)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C805 Fiber-Optic Cable (200 um, Multimode)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C807 Multimode Fiber-Optic Cable with ST connectors, 62.5 Micron Core Diameter (configurable length)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C808 Fiber-Optic Cable (62.5/125 um, Multimode)*	Please see Online MOT or contact SEL REP or CSR for ordering information.

* Additional Cost

⁽¹⁾ Universal power supply nominal input voltage range: 125/250 Vdc; 120/240 Vac.

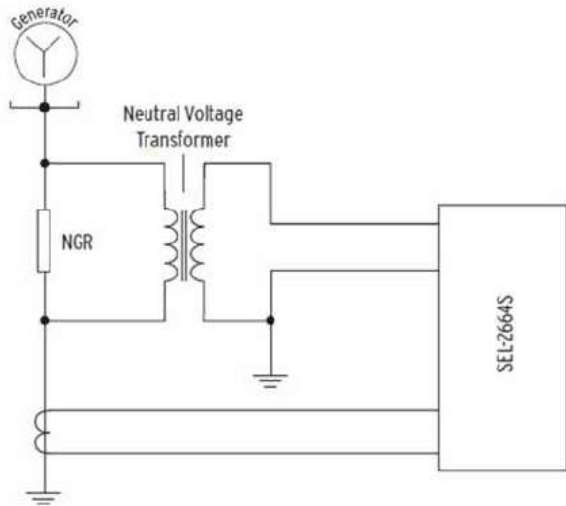
⁽²⁾ The SEL-2664S comes standard with one calibration and shunt resistor kit, including the Instruction Sheet.

⁽³⁾ The SEL-2664S comes standard with the SEL-4664 Calibration Module for auto field calibration process. An auto field calibration is recommended over manual calibration process if the module is available.

NOTE: The SEL-2664S comes standard with a CD manual. One printed instruction manual is available upon request with each product purchased.

For fiber-optic connections between the SEL-2664 and SEL-2664S, please see online MOT(s) for SEL-C805 or SEL-C807 Multimode Fiber-Optic cable.

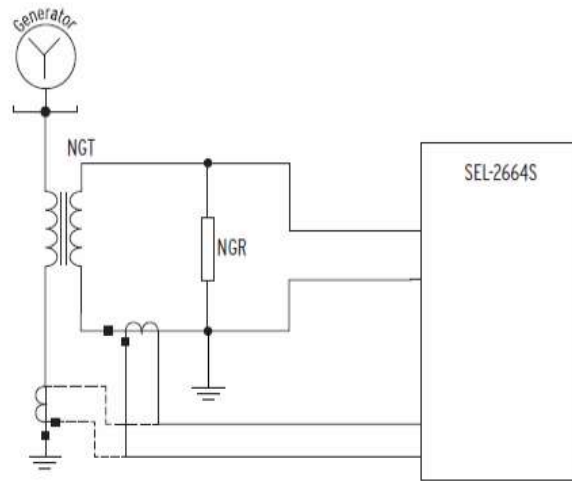
Figure A



Order SEL part number 915900352 (CBCT with 500:1 ratio)

AC Connections With CBCT on the Primary Side

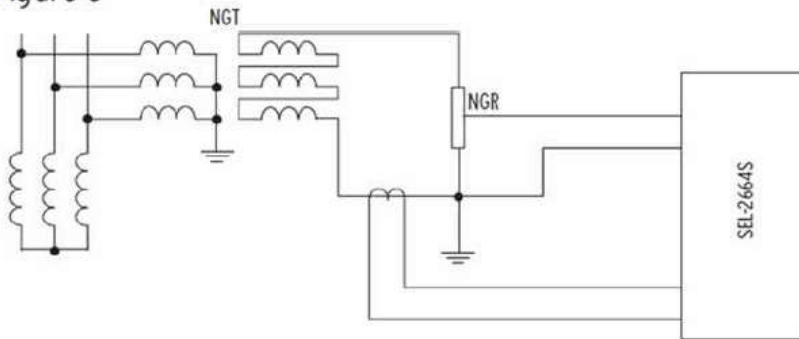
Figure B



Order SEL part number 915900352 (CBCT with 500:1 ratio) if CBCT is on primary
Order SEL part number 915900286 (CBCT with 1000:1 ratio) if CBCT is on secondary

AC Connection With CBCT on the Secondary Side of the Neutral Grounding Transformer

Figure C



Order SEL part number 915900286 (CBCT with 1000:1 ratio)

Making Electric Power Safer, More Reliable, and More Economical®

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