

SEL-487E-5 With Sampled Values or TiDL Technology

Transformer Protection, Automation, Control System

Part Number: **0 4 8 7 E 5** **0 0 X** **4** **X X**

Firmware

Standard with Voltage, Frequency, Directional Overcurrent, and Volts-Per-Hertz Elements **5**

Connector Type

None⁽¹⁾(SV Subscriber) **X X X** **E** **4** **X X X**

Time-Domain Link (TiDL)^{(2)*} **R X X** **4** **X X X**

Conformal Coat

None **X**

Conformally Coated Circuit Boards* **1**

Power Supply

24-48 Vdc **2**

48-125 Vdc or 110-120 Vac **4**

125-250 Vdc or 110-240 Vac **6**

Ethernet Communications Protocols

FTP, Telnet, Synchrophasors, and DNP3 **B**

FTP, Telnet, Synchrophasors, DNP3, and IEC 61850* **C**

FTP, Telnet, Synchrophasors, DNP3, and IEC 61850 with Sampled Values Subscription* **E**

Ethernet Connection Options⁽³⁾

Four 10/100BASE-T Connectors **6**

Four 100BASE-FX Connectors* **7**

Two 10/100BASE-T and Two 100BASE-FX Connectors^{(4)*} **8**

Mounting

Horizontal Rack Mount **H**

Horizontal Panel Mount **3**

Vertical Rack Mount **V**

Vertical Panel Mount **4**

Chassis

4U, One I/O Board **4**

I/O Board Position B for 4U Chassis

8 Optoisolated Independent Level-Sensitive Inputs, 13 Standard Form A, 2 Standard Form C Outputs* **2**

18 Common Inputs, 6 Independent Inputs, 6 High-Speed High-Current Interrupting Form A Outputs, 2 Standard Form A Outputs* **4**

I/O Board Position B Input Voltage

24 Vdc **1**

48 Vdc **2**

110 Vdc **3**

125 Vdc **4**

220 Vdc **5**

250 Vdc **6**

Accessories

Literature	
Instruction Manual for SEL-487E-5 and SEL-400 Series ⁽⁵⁾	P M 4 8 7 E - K T - 0 5

* Additional Cost

- (1) Sampled values subscriber relays have no analog input boards and instead receive voltages and current through Ethernet.
- (2) Not compatible with Axion based TiDL systems.
- (3) IEEE Precision Time Protocol (PTP) is only available on Ports 5A, 5B.
- (4) Ports 5A and 5C are dedicated as 100BASE-FX and Ports 5B and 5D are dedicated as 10/100BASE-T.
- (5) This product comes standard with a CD manual. One complimentary instruction manual kit is available upon request with each product purchased.

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

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