

SEL-487B-2 With Sampled Values or TiDL Technology

Bus Protection, Automation, Control System

Part Number: **0 4 8 7 B 2** **0 0 X** **4** **X X**

Firmware

Standard **2**

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
Time-Domain Link (TiDL With SFPs) ^{(2)*}	T 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, and DNP3	B
FTP, Telnet, DNP3, and IEC 61850*	C
FTP, Telnet, DNP3, and IEC 61850 With Sampled Values Subscription*	E

Ethernet Connection Options

Four 10/100BASE-T Connectors ⁽³⁾	6
Four 100BASE-FX Connectors ^{(3)*}	7
Two 10/100BASE-T and Two 100BASE-FX Connectors ^{(3)(4)*}	8
Two 100/1000BASE and Three 100BASE SFP Ports (Order SFP Transceivers Separately) ^{(5)*}	9

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-487B-2 and SEL-400 Series ⁽⁶⁾	P M 4 8 7 B - K T - 0 6
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* Additional Cost

- (1) Sampled values subscriber relays have no analog input boards and instead receive voltages and currents via Ethernet.
- (2) Not compatible with Axion based TiDL systems.
- (3) IEEE Precision Time Protocol (PTP) is 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) IEEE Precision Time Protocol (PTP) and IEC Parallel Redundancy Protocol (PRP) are available on the process and station bus ports. Two independent IP addresses are available: one for the station bus and one for engineering access. See the instruction manual or selinc.com/products/sfp/ for a list of compatible SFP transceivers.
- (6) 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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