

## SEL-451-6 With Sampled Values or TiDL Technology

Protection, Automation, Bay Control System

Part Number: **0 4 5 1 6** **0 0 X** **4** **X X**

### Firmware

Standard **6**

### Connector Type

None <sup>(1)</sup> (SV Subscriber)	X X	E	4	X X X X
Time-Domain Link (TiDL) <sup>(2)*</sup>	R X		4	X X X X
Time-Domain Link (TiDL With SFPs) <sup>(2)*</sup>	T X		4	X X X X

### High Impedance Fault Detection

Standard Fault Detection	0
High Impedance Fault Detection*	A

### 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 Protocol

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

Four 10/100BASE-T Connectors <sup>(3)</sup>	6
Four 100BASE-FX Connectors <sup>(3)*</sup>	7
Two 10/100BASE-T and Two 100BASE-FX Connectors <sup>(3)(4)*</sup>	8
Two 100/1000BASE and Three 100BASE SFP Ports (Order SFP Transceivers Separately) <sup>(5)*</sup>	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
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### I/O Board Position B

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
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