SEL-487V

Capacitor Bank Protection, Automation, and Control
Standard With Serial Communication Protocols(1), 8 Outputs, 7 Inputs(2), ACSELERATOR QuickSet® SEL-5030 Software(3), and Configurable Labels

Part Number: **0 4 8 7 V _ _ _ _ _ 1 X _ _ X _ _ _ _ _ _ _ X**

Firmware

Standard	0
Standard Plus Automatic Voltage Control and VSSI Reporting*	1

Conformal Coat

None	X
Conformally Coated Circuit Boards*	2

Power Supply

48-125 Vdc or 110-120 Vac	4
125-250 Vdc or 110-240 Vac	6

Connector Type

Screw Terminal Block	1
Connectorized® Relay(7)*	2

Secondary Inputs

300 V Phase-Neutral Maximum (Wye), 1 A W Current Terminals, 1 A X Current Terminals	1
300 V Phase-Neutral Maximum (Wye), 5 A W Current Terminals, 1 A X Current Terminals	3
300 V Phase-Neutral Maximum (Wye), 5 A W Current Terminals, 5 A X Current Terminals	5
300 V Phase-Neutral Maximum (Wye), 1 A W Current Terminals, 5 A X Current Terminals	9

AC Input Channels

6 AC Voltage, 6 AC Current	1

Ethernet Communications Protocols

None	X X
FTP, Telnet, Synchrophasors, and DNP3 LAN/WAN	B
FTP, Telnet, Synchrophasors, DNP3 LAN/WAN, and IEC 61850*	C

Ethernet Connection Options

None	X X
Ethernet Card With Two 10/100BASE-T Connectors*	0
Ethernet Card With Two 100BASE-FX Connectors*	2
Ethernet Card With One 100BASE-FX, One 10/100BASE-T Connector*	4

Mainboard Input Voltage(2)

48 Vdc	2

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110 Vdc	3
125 Vdc	4
220 Vdc	5
250 Vdc	6

Mounting

Horizontal Rack Mount	H
Horizontal Panel Mount	3
Vertical Rack Mount	V
Vertical Panel Mount	4

Chassis

4U, Up to One Additional I/O Board	4 X X
5U, Up to Two Additional I/O Boards	5

I/O Board Position B For 4U or 5U Chassis

Empty I/O Board Position	0 X X X
8 Optoisolated Independent Level-Sensitive Inputs, 13 Standard Form A, 2 Standard Form C Outputs*	2
Auxiliary Trip/Close Pushbuttons, 24 Optoisolated Level-Sensitive Inputs, 4 High-Current Interrupting Form A Outputs[5]*	A
Auxiliary Trip/Close Pushbuttons With Guards, 24 Optoisolated Level-Sensitive Inputs, 4 High-Current Interrupting Form A Outputs[5]*	B
24 Optoisolated Level-Sensitive Inputs, 8 Outputs[4]*	4
8 Optoisolated Independent Level-Sensitive Inputs, 13 High-Current Interrupting Form A, 2 Standard Form C Outputs*	7
8 Optoisolated Independent Level-Sensitive Inputs, 8 High-Speed High-Current Interrupting Form A Outputs*	8

I/O Board Position B Input Voltage

48 Vdc	2
110 Vdc	3
125 Vdc	4
220 Vdc	5
250 Vdc	6

I/O Board Position C For 5U Chassis Only

Empty I/O Board Position	0 X
8 Optoisolated Independent Level-Sensitive Inputs, 13 Standard Form A, 2 Standard Form C Outputs*	2
24 Optoisolated Level-Sensitive Inputs, 8 Outputs[4]*	4
8 Optoisolated Independent Level-Sensitive Inputs, 13 High-Current Interrupting Form A, 2 Standard Form C Outputs*	7
8 Optoisolated Independent Level-Sensitive Inputs, 8 High-Speed High-Current Interrupting Form A Outputs*	8

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I/O Board Position C Input Voltage

48 Vdc	2
110 Vdc	3
125 Vdc	4
220 Vdc	5
250 Vdc	6

Accessories

Literature		
	Printed Instruction Manual[6]	PM487V-01
Wiring Harness		
	Wiring Harness for Connectorized SEL-487V[7]*	Please see Online MOT or contact SEL REP or CSR for ordering information.
IRIG Termination Kit (50 Ohms)*		915900499

* Additional Cost

[1] Serial Protocols: SEL ASCII, CompressedASCII, Settings FileTransfer, SEL Fast Meter with Configuration, Fast Operate, Fast SER, Phasor Measurement, Enhanced MIRRORED BITS® Communications, DNP3 Level 2 Server Plus Dial-Out and Virtual Terminal.
[2] Mainboard configuration has 3 High-Current Interrupting Outputs, 2 Standard Form A Outputs, 3 Standard Form C Outputs, and 7 Optoisolated Level-Sensitive Inputs.
[3] Download ACSELERATOR QuickSet SEL-5030 software for free at https://www.selinc.com/softwaresolutions/. QuickSet on CD (503001WX4) is available upon request.
[4] The 24 Optoisolated Inputs are comprised of 18 Common Inputs and 6 Independent Inputs. The 8 Outputs are comprised of 6 High-Speed, High-Current Interrupting Outputs, and 2 Standard Outputs.
[5] Inputs: 6 Independent Level-Sensitive Optoisolated and 18 Common Level-Sensitive Optoisolated. Outputs: 4 High-Current Interrupting Form A Outputs.
[6] This product comes standard with a CD manual. One complimentary printed instruction manual is available upon request with each product purchased.
[7] Order a Connectorized® Wiring Harness for SEL-487V (harness shipped separately).

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

SEL SCHWEITZER ENGINEERING LABORATORIES, INC.
2350 NE Hopkins Court - Pullman, WA 99163 USA
Phone: +1.509.332.1890 - Fax: +1.509.332.7990

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