## 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

<table>
<thead>
<tr>
<th>Part Number:</th>
<th>0 4 8 7 V 1 X X X</th>
</tr>
</thead>
</table>

### 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
<table>
<thead>
<tr>
<th>Voltage</th>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
<th>Column 4</th>
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<tbody>
<tr>
<td>110 Vdc</td>
<td>3</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>125 Vdc</td>
<td>4</td>
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<td></td>
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<tr>
<td>220 Vdc</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>250 Vdc</td>
<td>6</td>
<td></td>
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</tr>
</tbody>
</table>

### Mounting
- Horizontal Rack Mount
- Horizontal Panel Mount
- Vertical Rack Mount
- Vertical Panel Mount

### Chassis
- 4U, Up to One Additional I/O Board
- 5U, Up to Two Additional I/O Boards

### I/O Board Position B For 4U or 5U Chassis
- Empty I/O Board Position
- 8 Optoisolated Independent Level-Sensitive Inputs, 13 Standard Form A, 2 Standard Form C Outputs*
- Auxiliary Trip/Close Pushbuttons, 24 Optoisolated Level-Sensitive Inputs, 4 High-Current Interrupting Form A Outputs⁽⁵⁾*
- Auxiliary Trip/Close Pushbuttons With Guards, 24 Optoisolated Level-Sensitive Inputs, 4 High-Current Interrupting Form A Outputs⁽⁵⁾*
- 24 Optoisolated Level-Sensitive Inputs, 8 Outputs⁽⁴⁾*
- 8 Optoisolated Independent Level-Sensitive Inputs, 13 High-Current Interrupting Form A, 2 Standard Form C Outputs*
- 8 Optoisolated Independent Level-Sensitive Inputs, 8 High-Speed High-Current Interrupting Form A Outputs*

### I/O Board Position B Input Voltage
- 48 Vdc
- 110 Vdc
- 125 Vdc
- 220 Vdc
- 250 Vdc

### I/O Board Position C For 5U Chassis Only
- Empty I/O Board Position
- 8 Optoisolated Independent Level-Sensitive Inputs, 13 Standard Form A, 2 Standard Form C Outputs*
- 24 Optoisolated Level-Sensitive Inputs, 8 Outputs⁽⁴⁾*
- 8 Optoisolated Independent Level-Sensitive Inputs, 13 High-Current Interrupting Form A, 2 Standard Form C Outputs*
- 8 Optoisolated Independent Level-Sensitive Inputs, 8 High-Speed High-Current Interrupting Form A Outputs*
I/O Board Position C Input Voltage

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Position</th>
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<tr>
<td>48 Vdc</td>
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Accessories

<table>
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<th>Description</th>
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<tbody>
<tr>
<td>Printed Instruction Manual</td>
<td>P M 4 8 7 V - 0 1</td>
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<tr>
<td>Wiring Harness</td>
<td></td>
</tr>
<tr>
<td>Wiring Harness for Connectorized SEL-487V*(7)*</td>
<td></td>
</tr>
<tr>
<td>IRIG Termination Kit (50 Ohms)*</td>
<td>9 1 5 9 0 0 4 9 9</td>
</tr>
</tbody>
</table>

* Additional Cost


(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 acSELEnator QuickSet SEL-5030 software for free at https://www.selinc.com/software.html. 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.


(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).