



# SEL-351 Product Family Comparison

Make the right choice when selecting the SEL-351 Relay for your next project. With the comparison chart below, quickly compare features and options of the legacy SEL-351 family of products to the enhanced SEL-351 family of products. For more information on either product family, visit [www.selinc.com](http://www.selinc.com) or contact your SEL representative.



Legacy SEL-351S Front Panel



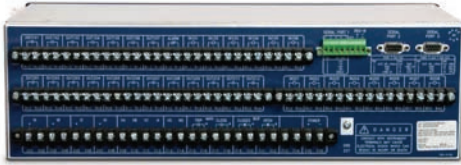
Enhanced SEL-351S Front Panel

Feature	Legacy SEL-351 Family	Enhanced SEL-351 Family
<b>Instrumentation and Control</b>		
79 Automatic Reclosing	•	•
Fault Locating	•	•
SELogic® Control Equations	•	•
Maximum SELogic Edges/Elements	30 / 218	60 / 606
Voltage Check On Closing	•	•
Operator Control Pushbuttons	✓	✓
Trip/Close Pushbuttons Available	SEL-351S Only	All Models
Pushbutton Lockout	Cap Cover	SafeLock™ System
Nonvolatile Latch Control Switches	•	•
Remote Control Switches	•	•
Local Control Switches	•	•
Display Points	•	•
Multiple Settings Groups	•	•
Substation Battery Monitor	•	•
Breaker Wear Monitor	•	•
Trip Coil Monitoring	<i>f</i>	<i>f</i>
Voltage Sag/Swell/Interruption Recorder	✓	✓
Load Profile	✓	✓
Phantom Phase Voltage		•
Event Report Samples Per Cycle/Max. Length	16 / 30 Cycles	128 / 60 Cycles
Sequential Events Recorder (capacity)	512 Events	1024 Events
Instantaneous Meter	•	•
Demand Meter	•	•
Harmonic Metering		•
Front-Panel USB Port		✓
Rear-Panel EIA-485 Port	•	✓
Ethernet		•
Dual Ethernet Ports (built-in switch)		✓
Fiber-Optic Ethernet		✓
IEC 61850		✓
Web Server		•
Simple Network Time Protocol (SNTP)		•
DNP3 Outstation Level 2 Serial	✓	•
DNP3 Outstation Level 2 IP		•
Modbus® RTU Slave		•
Modbus TCP Slave		•
Multiple Simultaneous DNP3 and Modbus Sessions		•
Telnet		•
Fast Message Synchrophasors	•	•
IEEE C37.118 Synchrophasors (serial and Ethernet)		•

- Standard feature
- ✓ Optional feature
- f* May be created using settings

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

# SEL-351 Product Family Comparison



Legacy SEL-351S Back Panel



Enhanced SEL-351S Back Panel

- Standard feature
- ✓ Optional feature
- f* May be created using settings

Feature	Legacy SEL-351 Family	Enhanced SEL-351 Family
<b>Applications</b>		
Distribution Feeder Protection	•	•
Breaker Failure Protection	<i>f</i>	<i>f</i>
Automatic Reclosing	•	•
Synchronism Check	•	•
Underfrequency Load Shedding	•	•
Undervoltage Load Shedding	•	•
<b>Protection</b>		
27 Undervoltage	•	•
32 Directional Power Elements	✓	✓
50N/G Ground - O/C	•	•
50P Phase - O/C	•	•
50Q Negative-Sequence - O/C	•	•
51N/G Ground Time - O/C	•	•
51P Phase Time - O/C	•	•
51Q Negative-Sequence Time - O/C	•	•
59 Overvoltage	•	•
67N Ground Directional - O/C	•	•
67P Phase Directional - O/C	•	•
67Q Negative-Sequence Directional O/C	•	•
81 Underfrequency/Overfrequency	•	•
Separate Neutral Overcurrent	•	•
Load-Encroachment Supervision	•	•
MIRRORED BITS® Communications	✓	✓
Sensitive Earth Fault Protection	✓	✓
Directional Sensitive Earth Fault Protection	✓	✓
Zone/Level Timers	✓	✓
Pilot Protection Logic	✓	✓
<b>Miscellaneous Features</b>		
Connectorized® (Quick Disconnect) Available	✓	
Main Board High-Current Interrupting Outputs (OUT101, OUT102)		•
Additional I/O Board High-Current Interrupting Outputs	✓	✓
Configurable Labels	✓	✓



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