## SEL-351

## **Protection System**

Standard with Ethernet, IEEE C37.118 Synchrophasor Measurement, DNP3 Outstation, Modbus<sup>®</sup> TCP/RTU, Telnet, FTP, Web Server, SNTP, Operator Controls and LCD, 8 Outputs<sup>(1)</sup>, 6 Inputs, Conventional Terminal Blocks, AcSELERATOR QuickSet<sup>®</sup> SEL-5030 Software<sup>(2)</sup>

Part Number:	0	3	5	1								
Firmware												
Basic <sup>(3)</sup>					5							
Standard (includes MIRRORED BITS <sup>®</sup> and Load Profile)					6							
Standard plus Power Elements, Voltage Sag/Swell/Interruption*					7							
Chassis and Mounting												
2U Horizontal Rack Mount						2					Х	
3U Horizontal Rack Mount*						3						
2U Horizontal Panel Mount						4					Х	
3U Horizontal Panel Mount*						5						
2U Horizontal Projection Panel Mount*						6					Х	
3U Horizontal Projection Panel Mount*						7						
3U Vertical Rack Mount*						8						
3U Vertical Panel Mount*						9						
User Interface												
Standard Interface including USB*							С					
Standard Interface including USB plus Indoor SafeLock Trip/Close Pushbuttons <sup>(4)</sup> *							D					
Power Supply	4											
24/48 Vdc								2				
48/125 Vdc or 120 Vac								3				
125/250 Vdc or 120/230 Vac								4				
Communications Interface												
(1)100Base-FX MM LC, EIA-485*									D			
(2)10/100Base-T, EIA-485*									Е			
(2)100Base-FX MM LC, EIA-485*									F			
(1)10/100Base-T, (1) 100Base-FX MM LC, (1) Fiber-Optic MM ST Serial Port*									Η			
(2)10/100Base-T, (1) Fiber-Optic MM ST Serial Port*									J			
(2)100Base-FX MM LC, (1) Fiber-Optic MM ST Serial Port*									Κ			
Secondary Input Current												
1 Amp Phase, 1 Amp Neutral										1		
5 Amp Phase, 5 Amp Neutral										5		
5 Amp Phase, 1 Amp Neutral										6		
1 Amp Phase, 0.05 Amp Neutral (nondirectional Sensitive Earth Fault [SEF] protection)										8		
5 Amp Phase, 0.05 Amp Neutral (nondirectional Sensitive Earth Fault [SEF] protection)										9		
1 Amp Phase, 0.2 Amp Neutral (directional protection for various systems, described below) <sup>(5)</sup> *									Α			

5 Amp Phase, 0.2 Amp Neutral (o systems, described below) <sup>(5)</sup> *	directional protection for various									В					
Control Input Voltage															
24 Vdc											1				
48 Vdc											2				
110 Vdc											3				
125 Vdc											4				
220 Vdc											5				
250 Vdc											6				
I/O Board															
No Additional I/O <sup>(1)</sup>												X			
Additional 12 Std Outputs, 8 Inp	uts <sup>(6)</sup> *											2			
Additional 4 Std Outputs, 16 Inp	uts <sup>(6)</sup> *											4			
Additional 12 High I/C Outputs, 8	3 Inputs <sup>(6)</sup> *											6			
Conformal Coat															
None													Х		
Conformal Coated Circuit Boards	*												2		
Communications Protocol	<b>e</b>														
Standard Protocols														1	
Standard plus IEC 61850*														2	
Accessories															
USB connection cable (USB Standard A to B Plug)*			C 6 6 4												
Literature															
	Printed Instruction Manual <sup>(7)</sup>	Ρ	P M 3 5 1 - 0 6												
* Additional Cost	R	1													

 $^{(1)}$  OUT101 and OUT102 are configured as Hybrid High-Current Interrupting output contacts.

<sup>(2)</sup> Download AcSELERATOR QuickSet SEL-5030 software for free at <u>https://www.selinc.com/softwaresolutions/</u>. AcSELERATOR QuickSet on CD (503001WX4) is available upon request.

<sup>(3)</sup> The basic SEL-351-5 does not include MIRRORED BITS or Load Profile. SEL provides enhanced functions in the standard SEL-351-6 at no additional charge.

<sup>(4)</sup> The breaker position indicating LEDs of the Indoor SafeLock Trip/Close Pushbutton option have a white diffusing material over the LED which creates a wide viewing angle.

<sup>(5)</sup> Directional protection for ungrounded, high-impedance grounded, Peterson Coil grounded, and low-impedance (directional SEF) grounded systems; nondirectional SEF protection also provided.

<sup>(6)</sup> Available in 3U Chassis only.

<sup>(7)</sup> The SEL-351 comes standard with a CD manual. One complimentary printed instruction manual is available upon request with each product purchased.

Note: Accepts single-phase voltage up to 300V line-neutral or three-phase voltages up to 300V line-neutral, wye or delta connection configurable via global setting.

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

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