SEL-311L-0, -6

Current Differential Relay and Backup Distance Protection
Standard with 14 Outputs[1], 6 Inputs, and Conventional Terminal Blocks

Part Number: **0 3 1 1 L** [ ] [ ] [ ] **2** [ ] [ ] [ ] **X**

Firmware

Standard, Three-Pole Differential and Distance Protection	0
Standard plus Single-Pole Differential Protection*	6

Mounting

3U Horizontal Rack Mount	H	X
3U Horizontal Panel Mount	3	X
3U Vertical Panel Mount	4	X
3U Horizontal Projection Panel Mount*	5	X
4U Horizontal Rack Mount	J	
4U Horizontal Panel Mount	K	
4U Vertical Panel Mount	L	
4U Horizontal Projection Panel Mount*	N	

Line Current Differential Communications Channel X; Channel Y

Isolated EIA-422	None*	A	0
	Isolated EIA-422*	A	A
Isolated G.703 Co-Directional	None*	B	0
	Isolated G.703 Co-Directional*	B	B
850nm IEEE C37.94 Fiber	None*	C	0
	Isolated EIA-422*	C	A
	Isolated G.703 Co-Directional*	C	B
	850nm IEEE C37.94 Fiber*	C	C
1300nm Fiber	None*	D	0
	Isolated EIA-422*	D	A
	Isolated G.703 Co-Directional*	D	B
	850nm IEEE C37.94 Fiber*	D	C
	1300nm Fiber*	D	D
1550nm Fiber	None*	E	0
	Isolated EIA-422*	E	A
	Isolated G.703 Co-Directional*	E	B
	850nm IEEE C37.94 Fiber*	E	C
	1300nm Fiber*	E	D
	1550nm Fiber*	E	E
1300nm IEEE C37.94 Fiber	None*	H	0
	Isolated EIA-422*	H	A

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Isolated G.703 Co-Directional*							H	B														
850nm IEEE C37.94 Fiber*							H	C														
1300nm Fiber*							H	D														
1550nm Fiber*							H	E														
1300nm IEEE C37.94 Fiber*							H	H														

Power Supply

24/48 Vdc							2		
48/125 Vdc or 125 Vac							3		
125/250 Vdc or Vac							4		

Secondary Input Voltage

Wye-Connected Va, Vb, and Vc (150 Vac Maximum Phase-Neutral; channel Vs also rated to 150 Vac)								2	

Secondary Input Current

1 Amp Phase and 1 Amp Polarizing Current Input									1
5 Amp Phase and 5 Amp Polarizing Current Input									5

Control Input Voltage

24 Vdc									1
48 Vdc									2
110 Vdc									3
125 Vdc									4
220 Vdc									5
250 Vdc									6

I/O Board[2]

No Additional I/O (3U Chassis Only)									X	
8 Inputs, 12 Standard Outputs*									2	
8 Inputs, 8 High-Speed High-Current Interrupting Outputs*									5	
8 Inputs, 12 High-Current Interrupting Outputs*									6	

Communications Protocol

SEL ASCII, SEL Compressed ASCII, SEL Distributed Port Switch (LMD), SEL Fast Meter with Configuration, Fast Operate, Fast SER, and MIRRORED BITS® Communications										X
DNP3 Level 2 Slave (Includes all protocols listed above)*										1

Conformal Coat

None										X
Conformal Coated Circuit Boards*										2

Accessories

Literature

SEL-311L-0,-6 Printed English Instruction Manual[3]	P	M	3	1	1	L	-	0	1	

* Additional Cost

[1] 14 Outputs consist of 8 Standard and 6 High-Speed High-Current Interrupting Contacts.

[2] Additional I/O requires the J, K, L, or N Mounting Option.

[3] The SEL-311L-0,-6 comes standard with a CD manual. One complimentary printed instruction manual is available upon request with each product purchased.

Note: Download ACSELERATOR® QuickSet SEL-5030 software for free at https://www.selinc.com/softwaresolutions/.

ACSELERATOR QuickSet on CD (503001WX4) is available upon request.

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

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