

# SEL-321-0,-1,-2,-3,-4

Phase and Ground Distance Relay, Directional Overcurrent Relay, Standard with Conventional Terminal Blocks

Part Number:

<b>3</b>	<b>2</b>	<b>1</b>														
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## Firmware

ASCII Communications				0												
ASCII, Compressed ASCII, Fast Meter, Fast Operate, MIRRORRED BITS®				1												
SEL-321-1 plus 300 Cycle Event Reports*				2												
SEL-321-1 and DNP 3.0 Level 2 Slave plus Dialout and Virtual Terminal*				3												
SEL-321-3 plus expanded memory for up to twenty 12-cycle event reports*				4												

## Chassis

One I/O Board, 3U				1												X
Two I/O Boards, 4U*				2												
Two I/O Boards, IP50, 4U*				A												
Two I/O Boards, IP50/54 (IP54 protected front only, must be panel mounted), 4U*				B												

## Power Supply

24/48 Vdc						2										
48/125 Vdc or 125 Vac						3										
125 Vdc or Vac						4										
250 Vdc or Vac						6										

## Secondary Input Voltage; Current<sup>(1)</sup>

67 Vac Phase-Neutral; 1 Amp Phase						2	1									
67 Vac Phase-Neutral; 5 Amp Phase						2	5									
67 Vac Phase-Neutral; 100 mV (electronic level input) Phase						2	A									X
67 Vac Phase-Neutral; 200 mV (electronic level input) Phase						2	B									X
1.314 Vac (electronic level input) Phase-Neutral; 100 mV (electronic level input) Phase						A	A									X
4 Vac (electronic level input) Phase-Neutral; 150 mV (electronic level input) Phase						C	C									X

## Frequency

50 Hz												5				
60 Hz												6				

## Mounting

Horizontal Rack Mount																H
Vertical Rack Mount																V

## Switch

Switch with Guard																G
No Switch																N

## Phase Rotation

ABC																B
ACB (not available with 321-0 1 Amp, 321-0 50Hz, 321-1 50 Hz, or 321-2 all models)																C

### I/O Board #1

16 Standard Outputs, 8 Inputs	<input type="checkbox"/>	1	<input type="checkbox"/>
12 Standard Outputs with no Shared Terminals, 8 Inputs	<input type="checkbox"/>	3	<input type="checkbox"/>
8 Fast High Current Interrupting Outputs, 8 Inputs (Only in 321-1, -2, -3, -4)*	<input type="checkbox"/>	5	<input type="checkbox"/>

### I/O Board #2 (4U Chassis Only)

Additional 16 Standard Outputs, 8 Inputs	<input type="checkbox"/>	1	<input type="checkbox"/>
Additional 12 Standard Outputs with no Shared Terminals, 8 Inputs	<input type="checkbox"/>	3	<input type="checkbox"/>
Additional 8 Fast High Current Interrupting Outputs, 8 Inputs (Only in 321-1, -2, -3, -4)*	<input type="checkbox"/>	5	<input type="checkbox"/>

### Control Input Voltage

24 Vdc	<input type="checkbox"/>	1	<input type="checkbox"/>
48 Vdc	<input type="checkbox"/>	2	<input type="checkbox"/>
125 Vdc	<input type="checkbox"/>	4	<input type="checkbox"/>
250 Vdc	<input type="checkbox"/>	6	<input type="checkbox"/>

### Accessories

Literature	
Printed English Instruction Manual <sup>(2)</sup>	P M 3 2 1 - 0 1
Printed Spanish Instruction Manual <sup>(2)</sup>	P M 3 2 1 - 0 2
Printed French Instruction Manual <sup>(2)</sup>	P M 3 2 1 - 0 3

\* Additional Cost

<sup>(1)</sup> Additional I/O boards are not available in SEL-321 Relays with Electronic Level Inputs.

<sup>(2)</sup> The SEL-321-0, -1, -2, -3, -4 comes standard with a CD manual. One complimentary printed instruction manual is available upon request with each product purchased.

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

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