SEL-487E-5 With Sampled Values or TiDL Technology Transformer Protection, Automation, Control System

Part Number:	0	4	8	7	E							0	0	X			4	1				X	X
Firmware																							
Standard						5			Χ														
Standard Plus Distance Protection*						5			1														
Standard Plus Second Differential Zone*						5			2														
Standard Plus Distance Protection, Second Differential Zone, and Reclosing*						5			3														
Connector Type																							
None ⁽¹⁾ (SV Subscriber)							Χ	Χ							Е		4	1	X	Χ	Χ		
Time-Domain Link (TiDL) ⁽²⁾ *							R	Χ									4	1	X	Χ	Х		
Time-Domain Link (TiDL With SFPs)(2)*							Т	Χ										1	Х	Х	Χ		
Conformal Coat																							
None										Х													
Conformally Coated Circuit Boards*										1													
Power Supply											_												
24-48 Vdc											2												
48-125 Vdc or 110-120 Vac											4												
125-250 Vdc or 110-240 Vac											6												
Ethernet Communications Prot	oco	ols																					
FTP, Telnet, Synchrophasors, and DNP3															В								
FTP, Telnet, Synchrophasors, DNP3, and IEC 61850*															С								
FTP, Telnet, Synchrophasors, DNP3, and IEC 61850 with Sampled Values Subscription*															E								
Ethernet Connection Options																							
Four 10/100BASE-T Connectors ⁽³⁾																6							
Four 100BASE-FX Connectors ⁽³⁾ *																7							
Two 10/100BASE-T and Two 100BASE-FX Connectors ⁽³⁾⁽⁴⁾ *																8							
Two 100/1000BASE and Three 100BASE SFP Ports (Order SFP Transceivers Separately) ⁽⁵⁾ *																9							
Mounting																							
Horizontal Rack Mount																H	4						
Horizontal Panel Mount																	3						
Vertical Rack Mount																	/						
Vertical Panel Mount																	4						
Chassis																							
4U, One I/O Board																	4	1					
I/O Board Position B for 4U Ch 8 Optoisolated Independent Level- Sensitive Inputs, 13 Standard Form A, 2 Standard Form C Outputs*	ass	sis																2					
2 Standard Form C Outputs* 18 Common Inputs, 6 Independent Inputs, 6 High-Speed High-Current Interrupting Form A Outputs, 2 Standard Form A Outputs*																		4					

I/O Board Position B Input Voltage

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

Accessories

Literature	
fo	nstruction Manual p M 4 8 7 E - K T - 0 5 EL-400 Series ⁽⁶⁾

^{*} Additional Cost

- (1) Sampled values subscriber relays have no analog input boards and instead receive voltages and currents via Ethernet.
- (2) Not compatible with Axion based TiDL systems.
- $^{(3)}$ IEEE Precision Time Protocol (PTP) is available on Ports 5A, 5B.
- (4) Ports 5A and 5C are dedicated as 100BASE-FX and Ports 5B and 5D are dedicated as 10/100BASE-T.
- (5) IEEE Precision Time Protocol (PTP) and IEC Parallel Redundancy Protocol (PRP) are available on the process and station bus ports. Two independent IP addresses are available: one for the station bus and one for engineering access. See the instruction manual or selinc.com/products/sfp/ for a list of compatible SFP transceivers.
- (6) This product comes standard with a CD manual. One complimentary instruction manual kit is available upon request with each product purchased.

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

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