SEL-401

Protection, Automation, Control Merging Unit with IEC 61850 GOOSE, MMS and Sampled Values, Phase Overcurrent and Breaker Failure Protection

Part Number:	0	4	0	1 0			X	3		0	0	X	D								X
Firmware																					
Standard				0																	
Connector Type																					
Screw Terminal					1																
Connectorized [®] Relay ⁽⁵⁾ *					2																
Secondary Current Inputs																					
1 A						1															
5 A						5															
Secondary Voltage Inputs and	Cor	nfo	rma	al C	oat																
300 V Phase Neutral with Conformally Coated Circuit Boards								3													
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	осс	ols																			
FTP, Telnet, Synchrophasors, DNP3, and IEC 61850 With Sampled Values Publication													D								
Ethernet Connection Options																					
Four 10/100BASE-T Connectors ⁽¹⁾														6							
Four 100BASE-FX Connectors ⁽¹⁾ *														7							
Two 10/100BASE-T and Two 100BASE-FX Connectors ⁽¹⁾⁽²⁾ *														8							
Two 100/1000BASE and Three 100BASE SFP Ports (Order SFP														9							
Transceivers Separately) ⁽³⁾ *																					
Mounting																					
Horizontal Rack Mount	Щ													H							
Horizontal Panel Mount														3							
Vertical Rack Mount														V							
Vertical Panel Mount														4							
Chassis																					
4U, One I/O Board															4		Χ	Χ	Χ	Χ	
5U, Up to Two I/O Boards															5				Χ	Χ	
6U, Up to Three I/O Boards															6						
I/O Board Position B for 4U, 50	11 6		Cha	ceid																	
8 Optoisolated Independent Level- Sensitive Inputs, 13 Standard Form A, 2 Standard Form C Outputs*			SII a	3313												2					

8 Optoisolated Independent Level- Sensitive Inputs, 13 High-Current										7						
Interrupting Form A, 2 Standard Form																
C Outputs*																
24 Optoisolated Level-Sensitive Inputs, 2 Standard and 6 High-Speed High- Current Interrupting Form A Outputs										4						
24 Optoisolated Level-Sensitive Inputs, 8 Standard Form A Outputs*										D						
8 Optoisolated Independent Level- Sensitive Inputs, 8 High-Speed High- Current Interrupting Form A Outputs*										8						
I/O Board Position B Input Vol	tag	e														
24 Vdc											1					
48 Vdc											2					
110 Vdc											3					
125 Vdc											4					
220 Vdc											5					
250 Vdc											6					
I/O Board Position C for 5U or	6U	Cha	ass	is												
Empty I/O Board Position												0	Χ	Χ	X	
8 Optoisolated Independent Level- Sensitive Inputs, 13 Standard Form A, 2 Standard Form C Outputs*												2				
8 Optoisolated Independent Level- Sensitive Inputs, 13 High-Current Interrupting Form A, 2 Standard Form C Outputs*												7				
24 Optoisolated Level-Sensitive Inputs, 2 Standard and 6 High-Speed High- Current Interrupting Form A Outputs*												4				
24 Optoisolated Level-Sensitive Inputs, 8 Standard Form A Outputs*												D				
8 Optoisolated Independent Level- Sensitive Inputs, 8 High-Speed High- Current Interrupting Form A Outputs*												8				
I/O Board Position C Input Vol	tag	e														
24 Vdc													1			
48 Vdc													2			
110 Vdc													3			
125 Vdc													4			
220 Vdc													5			
250 Vdc													6			
I/O Board Position D for 6U Ch	ass	is ()nl	y											1	
Empty I/O Board Position															Х	
8 Optoisolated Independent Level- Sensitive Inputs, 13 Standard Form A, 2 Standard Form C Outputs*														2		
8 Optoisolated Independent Level- Sensitive Inputs, 13 High-Current Interrupting Form A, 2 Standard Form C Outputs*														7		
24 Optoisolated Level-Sensitive Inputs, 2 Standard and 6 High-Speed High- Current Interrupting Form A Outputs*														4		

24 Optoisolated Le 8 Standard Form <i>A</i>	evel-Sensitive Inputs, A Outputs*																						D		
	ependent Level- B High-Speed High- ng Form A Outputs*																						8		
I/O Board Pos	ition D Input Vol	ta	ge																						
24 Vdc																							1		
48 Vdc																							2	2	
110 Vdc																							3	3	
125 Vdc		П																					4	ļ I	
220 Vdc		Ī																					5	5	
250 Vdc																							E	5	
Accessories																									
Literature																									
	Instruction Manual Set for SEL-401 and SEL-400 Series ⁽⁴⁾	Р	M	4 0	1	- F	(T	-	0 1																
Wiring Harness																									
	Wiring Harness for Connectorized SEL-	Ple	ase	see	Onl	line	МО	То	r co	nta	ct S	EL	REP	or	CSF	l for	ord	erin	a in	forn	natio	on.			

401⁽⁵⁾*

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

SEL SCHWEITZER ENGINEERING LABORATORIES, INC.

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^{*} Additional Cost

⁽¹⁾ IEEE Precision Time Protocol (PTP) is available on Ports A, B.

 $^{^{(2)}}$ Ports 5A and 5C are dedicated as 100BASE-FX and Ports 5B and 5D are dedicated as 10/100BASE-T.

⁽³⁾ 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.

⁽⁴⁾ This product comes standard with a CD manual. One complimentary printed instruction manual is available upon request with each product purchased.

(5) Order a Connectorized® Wiring Harness for SEL-401 (harness shipped separately).