

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 X**

Firmware

Standard

Connector Type

Screw Terminal
 Connectorized[®] Relay^{(5)*}

Secondary Current Inputs

1 A
 5 A

Secondary Voltage Inputs and Conformal Coat

300 V Phase Neutral with Conformally Coated Circuit Boards

Power Supply

24-48 Vdc
 48-125 Vdc or 110-120 Vac
 125-250 Vdc or 110-240 Vac

Ethernet Communications Protocols

FTP, Telnet, Synchrophasors, DNP3, and IEC 61850 With Sampled Values Publication

Ethernet Connection Options

Four 10/100BASE-T Connectors⁽¹⁾
 Four 100BASE-FX Connectors^{(1)*}
 Two 10/100BASE-T and Two 100BASE-FX Connectors^{(1)(2)*}
 Two 100/1000BASE and Three 100BASE SFP Ports (Order SFP Transceivers Separately)^{(3)*}

Mounting

Horizontal Rack Mount
 Horizontal Panel Mount
 Vertical Rack Mount
 Vertical Panel Mount

Chassis

4U, One I/O Board
 5U, Up to Two I/O Boards
 6U, Up to Three I/O Boards

I/O Board Position B for 4U, 5U, 6U Chassis

8 Optoisolated Independent Level-Sensitive Inputs, 13 Standard Form A, 2 Standard Form C Outputs*

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 B Input Voltage

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 Chassis

Empty I/O Board Position	0 X X 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 Voltage

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 Chassis Only

Empty I/O Board Position	0 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

