

**SEL-734T**

Part Number:

0 7 3 4 0 T A

**Power Quality and Recording**

Field Upgrade Available

SEL-734, Standard Power Quality, 32 MB Memory

0

SEL-734P, Advanced Power Quality, 128 MB Memory\*

P

**Meter Form**

Field Upgrade Available

Form 5 (Three-Wire Delta)

5

Form 9 (Four-Wire Wye)

9

**Power Supply**

125/250 Vdc or Vac; 3 Contact Outputs, 2 Inputs\*

1

24/48 Vdc; 3 Contact Outputs, 2 Inputs\*

2

12/24 Vdc; 3 Contact Outputs, 2 Inputs\*

3

125/250 Vdc or Vac; 1 Contact Output, 0 Inputs

4

X

**Control Input Voltage**

Empty

X

24 Vdc or Vac

A

48 Vdc or Vac

B

110 Vdc or Vac

C

125 Vdc or Vac

D

220 Vdc or Vac

E

250 Vdc or Vac

F

12 Vdc

G

**Metering Voltage**

Factory Upgrade Available

57-120 Vin

1

115-240 Vin

2

**Current Class**

CL 10\*

1

CL 20\*

2

CL 2\*

3

10 Vac Low Energy Analog (LEA)  
Inputs: Ia, Ib, Ic (1MOhm Inputs)

1

5

10 Vac Low Energy Analog (LEA)  
Inputs: Ia, Ib, Ic, In (1MOhm Inputs)\*

1

6

**Conformal Coat**

None

1

Conformal Coated Circuit Boards\*

2

**System Frequency**

50 Hz																		5	
60 Hz																			6

**Communication Options**

Two EIA-232 Ports*																			D
Two EIA-232 Ports and One 10/100BASE-T Ethernet Port*																			E
One EIA-232 Port and One EIA-485 Port*																			F
One EIA-232 Port, One EIA-485 Port, and One 10/100BASE-T Ethernet Port*																			G
Two EIA-232 Ports and One 100BASE-FX Fiber-Optic Ethernet Port*																			H
One EIA-232 Port, One EIA-485 Port, and One 100BASE-FX Fiber-Optic Ethernet Port*																			J
Two EIA-232 Ports, No IRIG-B																			K

**Expansion Slot 1**

(Expansion Slot 1 communication ports can only be used one at a time)

Field Upgrade Available

Empty																				X	X
Additional EIA-232 and EIA-485 Port*																				2	X
Telephone Modem plus Additional EIA-232 and EIA-485 Port*																				5	X

**Expansion Slot 2**

(SEL recommends using solid-state outputs for KYZ operation to prevent mechanical wear and contact chatter)

Field Upgrade Available

Empty																					X	X
4 Electromechanical Outputs, 4 Inputs*																					6	
4 Solid-State Outputs, 4 Inputs*																					7	
4 ±1 mA Analog Outputs, 4 Solid-State Outputs*																					8	X
4 ±20 mA Analog Outputs, 4 Solid-State Outputs*																					9	X

**Control Input Voltage for Expansion Slot 2**

Field Upgrade Available

Empty																						X
24 Vdc or Vac																						A
48 Vdc or Vac																						B
110 Vdc or Vac																						C
125 Vdc or Vac																						D
220 Vdc or Vac																						E
250 Vdc or Vac																						F
12 Vdc																						G

**Communications Protocol**

SEL ASCII, SEL Distributed Port Switch Protocol, SEL Fast Meter, Synchrophasors, SEL Compressed ASCII, MV-90 Translation, Modbus® RTU, MIRRORED BITS® Communications, and Telnet																								2	
DNP3 Level 2 Slave Serial and LAN/WAN (Includes all protocols listed above)*																									3

## Accessories

Communications Accessories		
	EIA-232 Serial Communications Cable	C 2 8 7 R
	EIA-232 to USB Communications Cable*	C 6 6 2
	SEL-9322 15 Vdc Power Supply*	Please see Online MOT or contact SEL REP or CSR for ordering information.
	SEL-3031 Serial Transceiver Radio*	Please see Online MOT or contact SEL REP or CSR for ordering information.
	SEL-2925 BLUETOOTH® Serial Adapter*	Please see Online MOT or contact SEL REP or CSR for ordering information.
Wiring Accessories		
	Rear-Panel Connector Kit*	9 1 5 9 0 0 0 1 4
Literature		
	Printed Instruction Manual <sup>(1)</sup>	P M 7 3 4 - 0 1

\* Additional Cost

<sup>(1)</sup> The SEL-734T 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®***

**SEL SCHWEITZER ENGINEERING LABORATORIES, INC.**

2350 NE Hopkins Court - Pullman, WA 99163 USA  
 Phone: +1.509.332.1890 - Fax: +1.509.332.7990