

SEL-787L Line Current Differential

Standard Features

- **Protection**
 - o 87L Line Differential
 - o Overcurrent
 - o Harmonic Blocking
 - o Reclosing
 - o Breaker Monitoring
 - o Breaker Failure
 - o IEC Thermal Element
- **Hardware**
 - o 3-Phase AC Current Inputs
 - Slot Z
 - o Neutral AC Current Input
 - Slot Z
 - o 2 Digital Inputs (DI)
 - Slot A
 - o 3 Digital Outputs (DO)
 - Slot A
 - o IRIG-B Time Code Input
 - Slot B
 - o Fiber-Optic Serial With ST Connectors (Port 2, 87L Communication only)
- **Human Machine Interface (HMI)**
 - o Display
 - o Programmable Pushbuttons With Two Tri-Color LEDs each
 - o 8 Target Tri-Color LEDs (6 Programmable)
 - o Operator Control Interface
 - o EIA-232 Port (Port F)
 - o Multi-Language Support
- **Protocols**
 - o IEEE C37.94
 - o IEEE C37.118 Synchrophasors
 - o Modbus[®] RTU
 - o SEL ASCII and Compressed ASCII
 - o SEL Fast Meter, Fast Operate, Fast SER
 - o SEL Fast Message
 - o Ymodem File Transfer
 - o SEL MIRRORING BITS Communications
 - o Event Messenger
- **Other**
 - o ACSELEATOR SEL-5030 Software
 - o User Configurable Labels

Part Number: **0 7 8 7 L**

Advanced Firmware Features

o Arc Sense technology for HIF detection is applicable for low-impedance grounded systems

None o Requires 4ACI card in Slot Z	0
Charging Current Compensation, Fault Locator, Vector Shift, Over/Under Frequency with 81R, 81RF 27/59, 32, 55, 60 LOP elements o Requires 4ACI/3AVI card in Slot Z	1
Charging Current Compensation and Directional o Low impedance grounded systems only o Requires 4ACI/3AVI card in Slot Z o Available only with 5A/1A neutral CT selection	2
Charging Current Compensation and Advanced Directional o Advanced Directional includes directional protection for ungrounded, low-impedance, high impedance and Petersen coil grounded systems and requires 200 mA neutral CT selection o Requires 4ACI/3AVI card in Slot Z	3
Charging Current Compensation, Directional and Arc Sense o Low impedance grounded systems only o Requires 4ACI/3AVI card in Slot Z o Available only with 5A/1A neutral CT selection	4

Charging Current Compensation, Advanced Directional and Arc Sense o Advanced Directional includes directional protection for ungrounded, low-impedance, high impedance and Petersen coil grounded systems and requires 200 mA neutral CT selection o Requires 4ACI/3AVI card in Slot Z	5
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User Interface

English	0
Spanish	S

Slot A Power Supply Voltage | Slot A Digital Input Voltage

110-250 Vdc (110-240 Vac) 125 Vdc/Vac	1	A
110-250 Vdc (110-240 Vac) 24 Vdc/Vac	1	B
110-250 Vdc (110-240 Vac) 48 Vdc/Vac	1	C
110-250 Vdc (110-240 Vac) 110 Vdc/Vac	1	D
110-250 Vdc (110-240 Vac) 220 Vdc/Vac	1	G
110-250 Vdc (110-240 Vac) 250 Vdc/Vac	1	H
24-48 Vdc 125 Vdc/Vac	2	A
24-48 Vdc 24 Vdc/Vac	2	B
24-48 Vdc 48 Vdc/Vac	2	C
24-48 Vdc 110 Vdc/Vac	2	D
24-48 Vdc 220 Vdc/Vac	2	G
24-48 Vdc 250 Vdc/Vac	2	H

Front Panel

2x16 LCD With 8 Pushbuttons	0
5" Color Touchscreen With 8 Pushbuttons	A

Slot B Ethernet (Port 1) | Fiber ST (Port 2, 87L Communication only) | Rear Serial Port (Port 3)

o EIA-485 available only with No Ethernet or Single 10/100BASE-T Ethernet options in Slot B

None 850 nm, Multimode ST Fiber-Optic Serial, 1 km EIA-232	0
None 850 nm, Multimode ST Fiber-Optic Serial, 1 km EIA-485	1
Single 10/100BASE-T 850 nm, Multimode ST Fiber-Optic Serial, 1 km EIA-232	2
Single 10/100BASE-T 850 nm, Multimode ST Fiber-Optic Serial, 1 km EIA-485	3
Single 100BASE-FX MM LC 850 nm, Multimode ST Fiber-Optic Serial, 1 km EIA-232	4
Dual 10/100BASE-T 850 nm, Multimode ST Fiber-Optic Serial, 1 km EIA-232	6
Dual 100BASE-FX MM LC 850 nm, Multimode ST Fiber-Optic Serial, 1 km EIA-232	8
None 1310 nm, Single-Mode ST Fiber-Optic Serial, 25 km EIA-232	A
None 1310 nm, Single-Mode ST Fiber-Optic Serial, 25 km EIA-485	B
Single 10/100BASE-T 1310 nm, Single-Mode ST Fiber-Optic Serial, 25 km EIA-232	C

Single 10/100BASE-T 1310 nm, Single-Mode ST Fiber-Optic Serial, 25 km EIA-485	D
Single 100BASE-FX MM LC 1310 nm, Single-Mode ST Fiber-Optic Serial, 25 km EIA-232	E
Dual 10/100BASE-T 1310 nm, Single-Mode ST Fiber-Optic Serial, 25 km EIA-232	F
Dual 100BASE-FX MM LC 1310 nm, Single-Mode ST Fiber-Optic Serial, 25 km EIA-232	G

IEC 61850 Protocol | DNP3 Protocol | IEC 60870-5-103 Protocol | EtherNet/IP Protocol

o IEC 61850 and EtherNet/IP available only for models with Ethernet options in Slot B

None	0
IEC 61850 Protocol	1
DNP3 Protocol	2
IEC 61850 Protocol DNP3 Protocol	3
IEC 60870-5-103 Protocol	4
IEC 61850 Protocol IEC 60870-5- 103 Protocol	5
DNP3 Protocol IEC 60870-5-103 Protocol	6
IEC 61850 Protocol DNP3 Protocol IEC 60870-5-103 Protocol	7
EtherNet/IP Protocol	8
IEC 61850 Protocol EtherNet/IP Protocol	9
DNP3 Protocol EtherNet/IP Protocol	A
IEC 60870-5-103 Protocol EtherNet/IP Protocol	B
IEC 61850 Protocol DNP3 Protocol EtherNet/IP Protocol	C
IEC 61850 Protocol IEC 60870-5- 103 Protocol EtherNet/IP Protocol	D
DNP3 Protocol IEC 60870-5-103 Protocol EtherNet/IP Protocol	E
IEC 61850 Protocol DNP3 Protocol IEC 60870-5-103 Protocol EtherNet/IP Protocol	F

Slot C | Slot C Digital Input Voltage

o Only one (1) 3 DI / 4 DO / 1 AO card per chassis

o Only one (1) 4 AI / 4 AO card per chassis

Empty	0	X
Serial Communications (EIA-232/485)	A	0
3 DI / 4 DO / 1 AO (4-20 mA Range) 125 Vdc/Vac	B	A
3 DI / 4 DO / 1 AO (4-20 mA Range) 24 Vdc/Vac	B	B
3 DI / 4 DO / 1 AO (4-20 mA Range) 48 Vdc/Vac	B	C
3 DI / 4 DO / 1 AO (4-20 mA Range) 110 Vdc/Vac	B	D
3 DI / 4 DO / 1 AO (4-20 mA Range) 220 Vdc/Vac	B	G
3 DI / 4 DO / 1 AO (4-20 mA Range) 250 Vdc/Vac	B	H
4 DI / 4 DO Electromechanical 125 Vdc/Vac	1	A
4 DI / 4 DO Electromechanical 24 Vdc/Vac	1	B

4 DI / 4 DO Electromechanical 48 Vdc/Vac					1	C							
4 DI / 4 DO Electromechanical 110 Vdc/Vac						1	D						
4 DI / 4 DO Electromechanical 220 Vdc/Vac						1	G						
4 DI / 4 DO Electromechanical 250 Vdc/Vac						1	H						
4 DI / 4 DO Fast High Current Hybrid 125 Vdc/Vac						C	A						
4 DI / 4 DO Fast High Current Hybrid 24 Vdc/Vac						C	B						
4 DI / 4 DO Fast High Current Hybrid 48 Vdc/Vac						C	C						
4 DI / 4 DO Fast High Current Hybrid 110 Vdc/Vac						C	D						
4 DI / 4 DO Fast High Current Hybrid 220 Vdc/Vac						C	G						
4 DI / 4 DO Fast High Current Hybrid 250 Vdc/Vac						C	H						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 125 Vdc/Vac						D	A						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 24 Vdc/Vac						D	B						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 48 Vdc/Vac						D	C						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 110 Vdc/Vac						D	D						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 220 Vdc/Vac						D	G						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 250 Vdc/Vac						D	H						
8 DO Electromechanical (Form A)						2	A						
8 DO Electromechanical (Form B)						2	B						
8 DO Electromechanical (6 Form A, 2 Form B)						2	C						
8 DO Electromechanical (2 Form A, 6 Form B)						2	D						
8 DO Electromechanical (4 Form A, 4 Form B)						2	G						
8 DI 125 Vdc/Vac						3	A						
8 DI 24 Vdc/Vac						3	B						
8 DI 48 Vdc/Vac						3	C						
8 DI 110 Vdc/Vac						3	D						
8 DI 220 Vdc/Vac						3	G						
8 DI 250 Vdc/Vac						3	H						
14 DI 125 Vdc/Vac						4	A						
14 DI 24 Vdc/Vac						4	B						
14 DI 48 Vdc/Vac						4	C						
14 DI 110 Vdc/Vac						4	D						
14 DI 220 Vdc/Vac						4	G						
14 DI 250 Vdc/Vac						4	H						
8 AI (±20 mA or ±10 V Range)						5	X						
4 AI / 4 AO (±20 mA or ±10 V Selectable)						6	X						

Slot D | Slot D Digital Input Voltage

- o Only one (1) 3 DI / 4 DO / 1 AO card per chassis
- o Only one (1) 4 AI / 4 AO card per chassis

Empty									0	X						
3 DI / 4 DO / 1 AO (4-20 mA Range) 125 Vdc/Vac									B	A						
3 DI / 4 DO / 1 AO (4-20 mA Range) 24 Vdc/Vac									B	B						
3 DI / 4 DO / 1 AO (4-20 mA Range) 48 Vdc/Vac									B	C						
3 DI / 4 DO / 1 AO (4-20 mA Range) 110 Vdc/Vac									B	D						
3 DI / 4 DO / 1 AO (4-20 mA Range) 220 Vdc/Vac									B	G						
3 DI / 4 DO / 1 AO (4-20 mA Range) 250 Vdc/Vac									B	H						
4 DI / 4 DO Electromechanical 125 Vdc/Vac									1	A						
4 DI / 4 DO Electromechanical 24 Vdc/Vac									1	B						
4 DI / 4 DO Electromechanical 48 Vdc/Vac									1	C						
4 DI / 4 DO Electromechanical 110 Vdc/Vac									1	D						
4 DI / 4 DO Electromechanical 220 Vdc/Vac									1	G						
4 DI / 4 DO Electromechanical 250 Vdc/Vac									1	H						
4 DI / 4 DO Fast High Current Hybrid 125 Vdc/Vac									C	A						
4 DI / 4 DO Fast High Current Hybrid 24 Vdc/Vac									C	B						
4 DI / 4 DO Fast High Current Hybrid 48 Vdc/Vac									C	C						
4 DI / 4 DO Fast High Current Hybrid 110 Vdc/Vac									C	D						
4 DI / 4 DO Fast High Current Hybrid 220 Vdc/Vac									C	G						
4 DI / 4 DO Fast High Current Hybrid 250 Vdc/Vac									C	H						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 125 Vdc/Vac									D	A						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 24 Vdc/Vac									D	B						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 48 Vdc/Vac									D	C						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 110 Vdc/Vac									D	D						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 220 Vdc/Vac									D	G						
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 250 Vdc/Vac									D	H						
8 DO Electromechanical (Form A)									2	A						
8 DO Electromechanical (Form B)									2	B						
8 DO Electromechanical (6 Form A, 2 Form B)									2	C						
8 DO Electromechanical (2 Form A, 6 Form B)									2	D						
8 DO Electromechanical (4 Form A, 4 Form B)									2	G						
8 DI 125 Vdc/Vac									3	A						
8 DI 24 Vdc/Vac									3	B						
8 DI 48 Vdc/Vac									3	C						
8 DI 110 Vdc/Vac									3	D						

8 DI 220 Vdc/Vac						3	G							
8 DI 250 Vdc/Vac						3	H							
14 DI 125 Vdc/Vac						4	A							
14 DI 24 Vdc/Vac						4	B							
14 DI 48 Vdc/Vac						4	C							
14 DI 110 Vdc/Vac						4	D							
14 DI 220 Vdc/Vac						4	G							
14 DI 250 Vdc/Vac						4	H							
8 AI (±20 mA or ±10 V Range)						5	X							
4 AI / 4 AO (±20 mA or ±10 V Selectable)						6	X							
10 RTD Inputs						9	X							

Slot E | Slot E Digital Input Voltage

o Only one (1) 3 DI / 4 DO / 1 AO card per chassis

o Only one (1) 4 AI / 4 AO card per chassis

Empty								0	X					
3 DI / 4 DO / 1 AO (4-20 mA Range) 125 Vdc/Vac								B	A					
3 DI / 4 DO / 1 AO (4-20 mA Range) 24 Vdc/Vac								B	B					
3 DI / 4 DO / 1 AO (4-20 mA Range) 48 Vdc/Vac								B	C					
3 DI / 4 DO / 1 AO (4-20 mA Range) 110 Vdc/Vac								B	D					
3 DI / 4 DO / 1 AO (4-20 mA Range) 220 Vdc/Vac								B	G					
3 DI / 4 DO / 1 AO (4-20 mA Range) 250 Vdc/Vac								B	H					
4 DI / 4 DO Electromechanical 125 Vdc/Vac								1	A					
4 DI / 4 DO Electromechanical 24 Vdc/Vac								1	B					
4 DI / 4 DO Electromechanical 48 Vdc/Vac								1	C					
4 DI / 4 DO Electromechanical 110 Vdc/Vac								1	D					
4 DI / 4 DO Electromechanical 220 Vdc/Vac								1	G					
4 DI / 4 DO Electromechanical 250 Vdc/Vac								1	H					
4 DI / 4 DO Fast High Current Hybrid 125 Vdc/Vac								C	A					
4 DI / 4 DO Fast High Current Hybrid 24 Vdc/Vac								C	B					
4 DI / 4 DO Fast High Current Hybrid 48 Vdc/Vac								C	C					
4 DI / 4 DO Fast High Current Hybrid 110 Vdc/Vac								C	D					
4 DI / 4 DO Fast High Current Hybrid 220 Vdc/Vac								C	G					
4 DI / 4 DO Fast High Current Hybrid 250 Vdc/Vac								C	H					
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 125 Vdc/Vac								D	A					
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 24 Vdc/Vac								D	B					
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 48 Vdc/Vac								D	C					
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 110 Vdc/Vac								D	D					
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 220 Vdc/Vac								D	G					

4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 250 Vdc/Vac											D	H							
8 DO Electromechanical (Form A)											2	A							
8 DO Electromechanical (Form B)											2	B							
8 DO Electromechanical (6 Form A, 2 Form B)											2	C							
8 DO Electromechanical (2 Form A, 6 Form B)											2	D							
8 DO Electromechanical (4 Form A, 4 Form B)											2	G							
8 DI 125 Vdc/Vac											3	A							
8 DI 24 Vdc/Vac											3	B							
8 DI 48 Vdc/Vac											3	C							
8 DI 110 Vdc/Vac											3	D							
8 DI 220 Vdc/Vac											3	G							
8 DI 250 Vdc/Vac											3	H							
14 DI 125 Vdc/Vac											4	A							
14 DI 24 Vdc/Vac											4	B							
14 DI 48 Vdc/Vac											4	C							
14 DI 110 Vdc/Vac											4	D							
14 DI 220 Vdc/Vac											4	G							
14 DI 250 Vdc/Vac											4	H							
8 AI (± 20 mA or ± 10 V Range)											5	X							
4 AI / 4 AO (± 20 mA or ± 10 V Selectable)											6	X							
Vsync (300 Vac) / Vbat (300 Vdc) / 4 Arc-Flash Detection Inputs o To achieve 2-5 ms operate times for Arc-Flash Protection a 4 DI / 4 DO Fast High Current Interrupting Card is required o Requires 4 ACI / 3 AVI card in Slot Z											7	0							
LEA Vsync (8Vac) / Vbat (300 Vdc) / 4 Arc-Flash Detection Inputs o To achieve 2-5 ms operate times for Arc-Flash Protection a 4 DI / 4 DO Fast High Current Interrupting Card is required o Requires 4 ACI / 3 AVI card in Slot Z											L	0							
8 Arc-Flash Detection Inputs o To achieve 2-5 ms operate times for Arc-Flash Protection a 4 DI / 4 DO Fast High Current Interrupting Card is required											7	7							
Vsync (300 Vac) / Vbat (300 Vdc) / 7 DI 125 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z											7	A							
Vsync (300 Vac) / Vbat (300 Vdc) / 7 DI 24 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z											7	B							
Vsync (300 Vac) / Vbat (300 Vdc) / 7 DI 48 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z											7	C							
Vsync (300 Vac) / Vbat (300 Vdc) / 7 DI 110 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z											7	D							
Vsync (300 Vac) / Vbat (300 Vdc) / 7 DI 220 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z											7	G							
Vsync (300 Vac) / Vbat (300 Vdc) / 7 DI 250 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z											7	H							
LEA Vsync (8 Vac) / Vbat (300 Vdc) / 7 DI 125 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z											L	A							

LEA Vsync (8 Vac) / Vbat (300 Vdc) / 7 DI 24 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z	L B
LEA Vsync (8 Vac) / Vbat (300 Vdc) / 7 DI 48 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z	L C
LEA Vsync (8 Vac) / Vbat (300 Vdc) / 7 DI 110 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z	L D
LEA Vsync (8 Vac) / Vbat (300 Vdc) / 7 DI 220 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z	L G
LEA Vsync (8 Vac) / Vbat (300 Vdc) / 7 DI 250 Vdc/Vac o Requires 4 ACI / 3 AVI card in Slot Z	L H

Slot Z Current and Voltage Inputs

3-Phase 1 Amp AC Current Input / 1 Amp Neutral AC Current Input	A 1
3-Phase 1 Amp AC Current Input / 5 Amp Neutral AC Current Input	A 2
3-Phase 1 Amp AC Current Input / 200 mA Neutral AC Current Input	A 3
3-Phase 5 Amp AC Current Input / 5 Amp Neutral AC Current Input	A 5
3-Phase 5 Amp AC Current Input / 1 Amp Neutral AC Current Input	A 6
3-Phase 5 Amp AC Current Input / 200 mA Neutral AC Current Input	A 7
3-Phase 1 Amp AC Current Input / 1 Amp Neutral AC Current Input / 3-Phase AC Voltage (300 Vac) (SELEct 4 ACI / 3 AVI)	8 1
3-Phase 1 Amp AC Current Input / 5 Amp Neutral AC Current Input / 3-Phase AC Voltage (300 Vac) (SELEct 4 ACI / 3 AVI)	8 2
3-Phase 1 Amp AC Current Input / 200 mA Neutral AC Current Input / 3-Phase AC Voltage (300 Vac) (SELEct 4 ACI / 3 AVI)	8 3
3-Phase 5 Amp AC Current Input / 5 Amp Neutral AC Current Input / 3-Phase AC Voltage (300 Vac) (SELEct 4 ACI / 3 AVI)	8 5
3-Phase 5 Amp AC Current Input / 1 Amp Neutral AC Current Input / 3-Phase AC Voltage (300 Vac) (SELEct 4 ACI / 3 AVI)	8 6
3-Phase 5 Amp AC Current Input / 200 mA Neutral AC Current Input / 3-Phase AC Voltage (300 Vac) (SELEct 4 ACI / 3 AVI)	8 7
3-Phase 1 Amp AC Current Input / 1 Amp Neutral AC Current Input / 3-Phase LEA AC Voltage (8 Vac) (SELEct 4 ACI / 3 AVI)	L 1
3-Phase 1 Amp AC Current Input / 5 Amp Neutral AC Current Input / 3-Phase LEA AC Voltage (8 Vac) (SELEct 4 ACI / 3 AVI)	L 2
3-Phase 1 Amp AC Current Input / 200 mA Neutral AC Current Input / 3-Phase LEA AC Voltage (8 Vac) (SELEct 4 ACI / 3 AVI)	L 3
3-Phase 5 Amp AC Current Input / 5 Amp Neutral AC Current Input / 3-Phase LEA AC Voltage (8 Vac) (SELEct 4 ACI / 3 AVI)	L 5

3-Phase 5 Amp AC Current Input / 1 Amp Neutral AC Current Input / 3-Phase LEA AC Voltage (8 Vac) (SELECT 4 ACI / 3 AVI)	L 6
3-Phase 5 Amp AC Current Input / 200 mA Neutral AC Current Input / 3-Phase LEA AC Voltage (8 Vac) (SELECT 4 ACI / 3 AVI)	L 7
3-Phase Rogowski Coil or Low Power Current Transformer (RJ45 inputs), 200 mA Neutral (Terminal Block input), 3-Phase LEA Voltage Sensor (RJ45 inputs) (SELECT 4 ACI / 3 AVI)	7 L

Conformal Coat

None	0
Conformally Coated Circuit Boards	1

Accessories

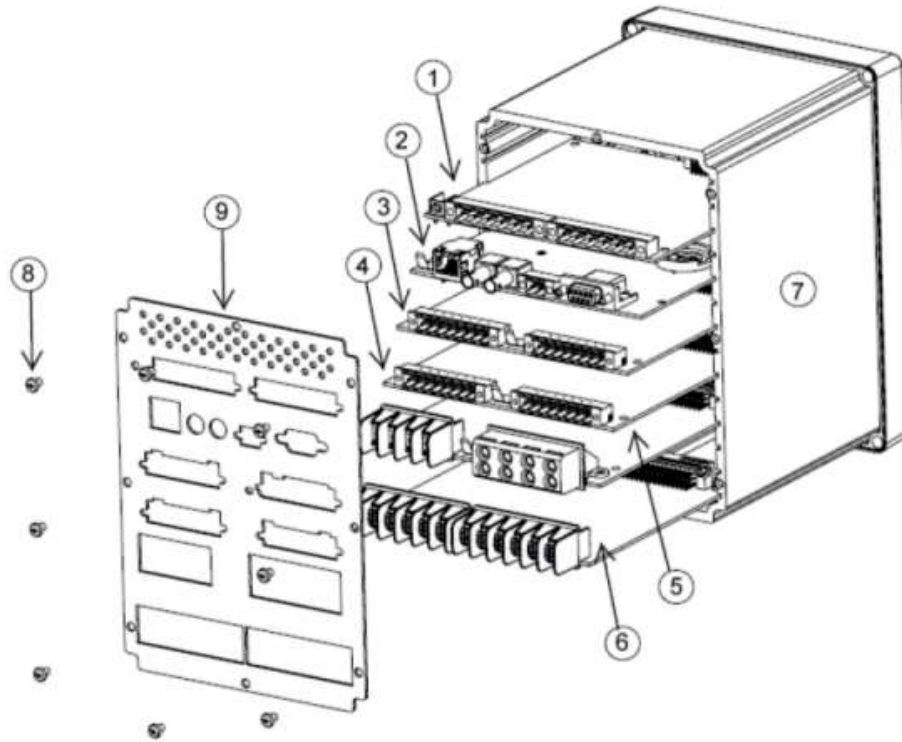
Literature		
Configurable Label Kit for SEL-710-5, SEL-751, SEL-787-2, -3, -4, SEL-700BT, SEL-787L, SEL-787Z and 8 PB SEL-700G (2 Sheets)*	9 2 6 0 1 3 6	
Configurable Label Kit for SEL-710-5, SEL-751, SEL-787-2, -3, -4, SEL-700BT, SEL-787L, SEL-787Z and 8 PB SEL-700G (25 Sheets)*	9 2 6 0 1 3 7	
SEL Cables		
SEL-C804 Multimode Fiber-Optic Arc-Flash Detection (AFD) Sensors*		Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C814 Arc-Flash Detection (AFD) Fiber Cables and Accessories (configurable length and number of splices)*		Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C234 Serial Cable (RS-232, DTE-DTE, DB9 M/DB9 F)*		Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C227A Serial Cable for PC (RS-232, DTE-DTE, DB9 M/DB25 F, Hardware Flow Control)*		Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C222 Serial Cable for Modem (RS-232, DTE-DCE, DB9 M/DB25 M, Hardware Flow Control)*		Please see Online MOT or contact SEL REP or CSR for ordering information.

SEL-C272 Serial Cable (RS-232, DTE-DTE, DB9 M/DB9 M, Hardware Flow Control)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C273 Serial Cable (RS-232, DTE-DTE, DB9 M/DB9 M, IRIG-B)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-CA605 Ethernet Cable (RJ45 M/RJ45 M)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C807 Fiber-Optic Cable (62.5/200 um, Multimode)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C809 Fiber-Optic Cable (9 um, Singlemode)*	Please see Online MOT or contact SEL REP or CSR for ordering information.

Additional Information

- Base unit includes slots A, B (EIA-232), Z, HMI, and Front EIA-232 Port.
- Order 2 AVI / 4 AFDI Card for Vsync, VBat, Arc Flash Detection Input.
- The protocols SNTP, IEEE 1588-2008 firmware-based PTP and Modbus TCP are included in the standard offering with Single Ethernet option.
- The protocols SNTP, IEEE 1588-2008 firmware-based PTP, PRP, Rapid Spanning Tree Protocol (RSTP), and Modbus TCP are included in the standard offering with Dual Ethernet option.
- DNP3 LAN/WAN are included with DNP3 and Ethernet option.
- Download ACSELERATOR QuickSet SEL-5030 software for free at <https://www.selinc.com/software/solutions/>. ACSELERATOR QuickSet on CD (503001WX4) is available upon request.
- A configuration kit is provided for the front panel configurable labels (packaged in the shipping box). For additional kits, order SEL part number 9260136 (2 sheet kit) or 9260137 (25 sheet kit).
- The SEL-787L option cards are orderable separately for field installation. Use WI-12625 and contact your SEL representative to order option cards.
- For Arc-Flash Detection Point Sensors, Bare-Fiber Sensors, or Cable Accessories, see SEL-C804 Multimode Fiber-Optic Arc-Flash Detection (AFD) Sensors and C814 Arc-Flash Detection (AFD) Fiber Cables and Accessories.
- For relay wire termination kits, please see Application Note AN2014-08 on the SEL website or contact SEL REP or CSR for ordering information.
- For SEL-787L Mounting Accessories including adapter plates, dust protectors, etc go to <https://selinc.com/applications/mountingselector/>.
- ACSELERATOR Bay Screen Builder SEL-5036 software is available with touchscreen models.
- All Digital Outputs are Form-A unless noted otherwise.

Chassis Card Slot Configuration Example



- | | |
|---|--------------------------------|
| ① SELECT Power Supply Card with I/O (Slot A) | ⑥ SELECT ACI/AVI Card (Slot Z) |
| ② SELECT Processor and Communications Card (Slot B) | ⑦ Device Case |
| ③ SELECT I/O Expansion Card (Slot C) | ⑧ Rear Panel Mounting Screws |
| ④ SELECT I/O Expansion Card (Slot D) | ⑨ Rear Panel |
| ⑤ SELECT I/O Expansion Card (Slot E) | |

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

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