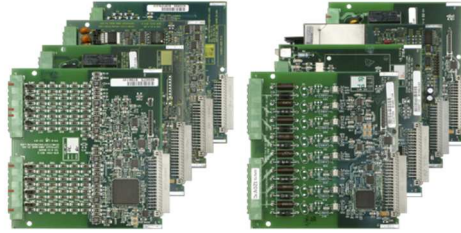


SElect I/O Cards

Part Numbers for the SEL-751



**SCHWEITZER
ENGINEERING
LABORATORIES**

2350 NE Hopkins Court • Pullman, WA 99163-5603 USA
Phone: +1.509.332.1890 • Fax: +1.509.332.7990
Internet: www.selinc.com • E-mail: info@selinc.com

Ordering Information

Serial Communication Card (SElect EIA-232/485)

	Part Number
Serial Communication	9717LA0 ⁽¹⁾
* Note: Slot C option only.	

3 Digital Input / 4 Digital Output / 1 4–20 mA Analog Output (SElect 3 DI / 4 DO / 1 AO)

Digital Input Voltage, Output Type	Part Number
125 Vdc/Vac DI, Electromechanical DO	9727LBA ⁽¹⁾
24 Vdc/Vac DI, Electromechanical DO	9727LBB ⁽¹⁾
48 Vdc/Vac DI, Electromechanical DO	9727LBC ⁽¹⁾
110 Vdc/Vac DI, Electromechanical DO	9727LBD ⁽¹⁾
220 Vdc/Vac DI, Electromechanical DO	9727LBG ⁽¹⁾
250 Vdc/Vac DI, Electromechanical DO	9727LBH ⁽¹⁾
* Note: Only one (1) – 3 DI / 4 DO / 1 AO card per chassis. ** Note: Unless otherwise specified, all digital outputs are Form A. *** Note: Slots C, D or E.	

(1) Use '0' for 'Without Conformal Coating' and '1' for 'With Conformal Coating' in the part number. Conformal Coating is an additional cost option.

4 Digital Input / 4 Digital Output (SElect 4 DI / 4 DO)

Digital Input Voltage, Output Type	Part Number
125 Vdc/Vac DI, Electromechanical DO	9764L1A ⁽¹⁾
24 Vdc/Vac DI, Electromechanical DO	9764L1B ⁽¹⁾
48 Vdc/Vac DI, Electromechanical DO	9764L1C ⁽¹⁾
110 Vdc/Vac DI, Electromechanical DO	9764L1D ⁽¹⁾
220 Vdc/Vac DI, Electromechanical DO	9764L1G ⁽¹⁾
250 Vdc/Vac DI, Electromechanical DO	9764L1H ⁽¹⁾
125 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCA ⁽¹⁾
24 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCB ⁽¹⁾
48 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCC ⁽¹⁾
110 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCD ⁽¹⁾
220 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCG ⁽¹⁾
250 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCH ⁽¹⁾
* Note: Unless otherwise specified, all digital outputs are Form A. ** Note: Slots C, D or E.	

4 Digital Input / 3 Digital Output (2 Form C and 1 Form B) (SElect 4 DI / 3 DO)

Digital Input Voltage, Output Type	Part Number
125 Vdc/Vac DI, Electromechanical DO	9773LCA ⁽¹⁾
24 Vdc/Vac DI, Electromechanical DO	9773LCB ⁽¹⁾
48 Vdc/Vac DI, Electromechanical DO	9773LCC ⁽¹⁾
110 Vdc/Vac DI, Electromechanical DO	9773LCD ⁽¹⁾
220 Vdc/Vac DI, Electromechanical DO	9773LCG ⁽¹⁾
250 Vdc/Vac DI, Electromechanical DO	9773LCH ⁽¹⁾
* Note: Slots C, D or E.	

8 Digital Output (SElect 8 DO)

Output Type	Part Number
8 Form A Electromechanical DO	9745L2A ⁽¹⁾
8 Form B Electromechanical DO	9745L2B ⁽¹⁾
6 Form A and 2 Form B Electromechanical DO	9745L2C ⁽¹⁾
6 Form B and 2 Form A Electromechanical DO	9745L2D ⁽¹⁾
4 Form A and 4 Form B Electromechanical DO	9745L2G ⁽¹⁾
* Note: Slots C, D or E.	

(1) Use '0' for 'Without Conformal Coating' and '1' for 'With Conformal Coating' in the part number. Conformal Coating is an additional cost option.

8 Digital Input (SElect 8 DI)

Digital Input Voltage	Part Number
125 Vdc/Vac	9760L3A ⁽¹⁾
24 Vdc/Vac	9760L3B ⁽¹⁾
48 Vdc/Vac	9760L3C ⁽¹⁾
110 Vdc/Vac	9760L3D ⁽¹⁾
220 Vdc/Vac	9760L3G ⁽¹⁾
250 Vdc/Vac	9760L3H ⁽¹⁾
* Note: Slots C, D or E.	

14 Digital Input (SElect 14 DI)

Digital Input Voltage	Part Number
125 Vdc/Vac	9775L4A ^{(1)**}
24 Vdc/Vac	9775L4B ^{(1)**}
48 Vdc/Vac	9775L4C ^{(1)**}
110 Vdc/Vac	9775L4D ^{(1)**}
220 Vdc/Vac	9775L4G ^{(1)**}
250 Vdc/Vac	9775L4H ^{(1)**}
* Note: Slots C, D or E. ** Note: Requires R112 or higher firmware.	

4 Analog Input / 4 Analog Output (SElect 4 AI / 4 AO)

Input Type	Part Number
20 mA or ± 10 V, Jumper Selectable	9763L6X ⁽¹⁾
* Note: Only one 4 AI / 4 AO card per chassis. ** Note: Slots C, D or E.	

8 Analog Input (SElect 8 AI)

Input Type	Part Number
20 mA or ± 10 V, Jumper Selectable	9762L5X ⁽¹⁾
* Note: Slots C, D or E.	

10 RTD Input Card (SElect 10 RTD)

Input Type	Part Number
RTD Analog Input	9719L9X ⁽¹⁾
* Note: These card kits do not contain a rear panel. Please order a rear panel from the table at the bottom of this document. ** Note: Slot D option only.	

(1) Use '0' for 'Without Conformal Coating' and '1' for 'With Conformal Coating' in the part number. Conformal Coating is an additional cost option.

Power Supply 125/250 Vdc/Vac (SElect PSIO / 2 DI / 3 DO)

Digital Input Voltage	Part Number
125 Vdc/Vac Digital Input	9765L1A ⁽¹⁾
24 Vdc/Vac Digital Input	9765L1B ⁽¹⁾
48 Vdc/Vac Digital Input	9765L1C ⁽¹⁾
110 Vdc/Vac Digital Input	9765L1D ⁽¹⁾
220 Vdc/Vac Digital Input	9765L1G ⁽¹⁾
250 Vdc/Vac Digital Input	9765L1H ⁽¹⁾
* Note: Slot A option only.	

Power Supply 125/250 Vdc/Vac (SElect PSIO / 2 DI / 3 DO) for Relay With 5-inch Color Touchscreen Display

Digital Input Voltage	Part Number
125 Vdc/Vac Digital Input	9775L1AAB ⁽¹⁾
24 Vdc/Vac Digital Input	9775L1BAB ⁽¹⁾
48 Vdc/Vac Digital Input	9775L1CAB ⁽¹⁾
110 Vdc/Vac Digital Input	9775L1DAB ⁽¹⁾
220 Vdc/Vac Digital Input	9775L1GAB ⁽¹⁾
250 Vdc/Vac Digital Input	9775L1HAB ⁽¹⁾
* Note: Slot A option only.	

Power Supply 24/48 Vdc (SElect PSIO / 2 DI / 3 DO)

Digital Input Voltage	Part Number
125 Vdc/Vac Digital Input	9765L2A ⁽¹⁾
24 Vdc/Vac Digital Input	9765L2B ⁽¹⁾
48 Vdc/Vac Digital Input	9765L2C ⁽¹⁾
110 Vdc/Vac Digital Input	9765L2D ⁽¹⁾
220 Vdc/Vac Digital Input	9765L2G ⁽¹⁾
250 Vdc/Vac Digital Input	9765L2H ⁽¹⁾
* Note: Slot A option only.	

Power Supply 24/48 Vdc (SElect PSIO / 2 DI / 3 DO) for Relay With 5-inch Color Touchscreen Display

Digital Input Voltage	Part Number
125 Vdc/Vac Digital Input	9775L2AAB ⁽¹⁾
24 Vdc/Vac Digital Input	9775L2BAB ⁽¹⁾
48 Vdc/Vac Digital Input	9775L2CAB ⁽¹⁾
110 Vdc/Vac Digital Input	9775L2DAB ⁽¹⁾
220 Vdc/Vac Digital Input	9775L2GAB ⁽¹⁾
250 Vdc/Vac Digital Input	9775L2HAB ⁽¹⁾
* Note: Slot A option only.	

(1) Use '0' for 'Without Conformal Coating' and '1' for 'With Conformal Coating' in the part number. Conformal Coating is an additional cost option.

Vsync/Vbat Input and 4 Arc-Flash Detection Input (SElect 2 AVI / 4 AFDI)

	Part Number
Vsync (300 Vac), Vbat (300 Vdc) Input and Arc-Flash Detection Input	9746L70_(1)
LEA Vsync (8 Vac), Vbat (300 Vdc) Input and Arc-Flash Detection Input	9775LL0_(1)***
* Note: Slot E option only. ** Note: These card kits do not contain a rear panel. Please order a rear panel from the table at the bottom of this document. *** Note: Requires R112 or higher firmware.	

8 Arc-Flash Detection Input (SElect 8 AFDI)

	Part Number
8 Arc-Flash Detection Input	9775L77_(1)*
* Note: Slot E option only. ** Note: These card kits do not contain a rear panel. Please order a rear panel from the table at the bottom of this document. *** Note: Requires R112 or higher firmware.	

3-Phase AC Current Input / Neutral AC Current Input / 3-Phase AC Voltage (SElect 4 ACI / 3 AVI)

Phase Current, Neutral Current, Voltage	Part Number
1 Amp Phase , 1 Amp Neutral, 3-Phase AC Voltage (300 Vac)	9747L81_(1)
1 Amp Phase , 5 Amp Neutral, 3-Phase AC Voltage (300 Vac)	9747L82_(1)
1 Amp Phase , 200 mA Neutral, 3-Phase AC Voltage (300 Vac)	9775L83_(1)**
5 Amp Phase , 5 Amp Neutral, 3-Phase AC Voltage (300 Vac)	9747L85_(1)
5 Amp Phase , 1 Amp Neutral, 3-Phase AC Voltage (300 Vac)	9747L86_(1)
5 Amp Phase, 200 mA Neutral, 3-Phase AC Voltage (300 Vac)	9775L87_(1)**
1 Amp Phase , 1 Amp Neutral, 3-Phase LEA AC Voltage (8 Vac)	9775LL1_(1)**
1 Amp Phase , 5 Amp Neutral, 3-Phase LEA AC Voltage (8 Vac)	9775LL2_(1)**
1 Amp Phase , 200 mA Neutral, 3-Phase LEA AC Voltage (8 Vac)	9775LL3_(1)**
5 Amp Phase , 5 Amp Neutral, 3-Phase LEA AC Voltage (8 Vac)	9775LL5_(1)**
5 Amp Phase , 1 Amp Neutral, 3-Phase LEA AC Voltage (8 Vac)	9775LL6_(1)**
5 Amp Phase, 200 mA Neutral, 3-Phase LEA AC Voltage (8 Vac)	9775LL7_(1)**
* Note: Slot Z only. ** Note: Requires R112 or higher firmware.	

(1) Use '0' for 'Without Conformal Coating' and '1' for 'With Conformal Coating' in the part number. Conformal Coating is an additional cost option.

3-Phase AC Current Input / Neutral AC Current Input (SElect 4 ACI)

Phase Current, Neutral Current	Part Number
1-Amp Phase, 1-Amp Neutral	9775LA1_(1)**
1-Amp Phase, 5-Amp Neutral	9775LA2_(1)**
1-Amp Phase, 200-mA Neutral	9775LA3_(1)**
5-Amp Phase, 5-Amp Neutral	9775LA5_(1)**
5-Amp Phase, 1-Amp Neutral	9775LA6_(1)**
5-Amp Phase, 200-mA Neutral	9775LA7_(1)**
* Note: Slot Z only.	
** Note: Requires R200-V2 or higher firmware.	

Processor Board (SElect CPU / COM)

Input Type	Rear Port Type	Ethernet Type	Protocol Type	Part Number
IRIG-B	EIA-232	None	Standard	9748L000_(1)
IRIG-B	EIA-232	None	Standard, DNP3	9748L002_(1)
IRIG-B	EIA-232	None	Standard, IEC 60870-5-103	9775L004_(1)**
IRIG-B	EIA-232	None	Standard, DNP3, IEC 60870-5-103	9775L006_(1)**
IRIG-B	EIA-485	None	Standard	9748L010_(1)
IRIG-B	EIA-485	None	Standard, DNP3	9748L012_(1)
IRIG-B	EIA-485	None	Standard, IEC 60870-5-103	9775L014_(1)**
IRIG-B	EIA-485	None	Standard, DNP3, IEC 60870-5-103	9775L016_(1)**
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard	9748L020_(1)
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, IEC 61850	9748L021_(1)
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, DNP3	9748L022_(1)
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 61850	9748L023_(1)
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, IEC 60870-5-103	9775L024_(1)**
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, IEC 60870-5-103, IEC 61850	9775L025_(1)**
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103	9775L026_(1)**
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L027_(1)**
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard	9748L030_(1)
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, IEC 61850	9748L031_(1)
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, DNP3	9748L032_(1)
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 61850	9748L033_(1)
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, IEC 60870-5-103	9775L034_(1)**
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, IEC 60870-5-103, IEC 61850	9775L035_(1)**
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103	9775L036_(1)**
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L037_(1)**
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard	9748L040_(1)
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, IEC 61850	9748L041_(1)

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IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, DNP3	9748L042 ⁽¹⁾
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 61850	9748L043 ⁽¹⁾
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, IEC 60870-5-103	9775L044 ^{(1)**}
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, IEC 60870-5-103, IEC 61850	9775L045 ^{(1)**}
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 60870-5-103	9775L046 ^{(1)**}
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L047 ^{(1)**}
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard	9748L060 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, IEC 61850	9748L061 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, DNP3	9748L062 ⁽¹⁾

Processor Board (SElect CPU / COM) Continued

Input Type	Rear Port Type	Ethernet Type	Protocol Type	Part Number
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, DNP3, IEC 61850	9748L063 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, IEC 60870-5-103	9775L064 ^{(1)**}
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, IEC 60870-5-103, IEC 61850	9775L065 ^{(1)**}
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103	9775L066 ^{(1)**}
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L067 ^{(1)**}
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard	9748L080 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, IEC 61850	9748L081 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, DNP3	9748L082 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 61850	9748L083 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, IEC 60870-5-103	9775L084 ^{(1)**}
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, IEC 60870-5-103, IEC 61850	9775L085 ^{(1)**}
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 60870-5-103	9775L086 ^{(1)**}
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L087 ^{(1)**}

* Note: These card kits do not contain a rear panel. Please order a rear panel from the table at the bottom of this document.

** Note: **Requires R112 or higher firmware.**

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SEL-751 Rear Panels

		Card Slot Options		
Slot D Option	Slot E Option	Slot B (Mainboard) Options		Part Number
RTD	Empty or Standard I/O	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L010
RTD	Empty or Standard I/O	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L811
RTD	Empty or Standard I/O	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L803
RTD	Empty or Standard I/O	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L807
RTD	2AVI / 4AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L300
RTD	2AVI / 4AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L301
RTD	2AVI / 4AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L302
RTD	2AVI / 4AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L303
RTD	8 AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L213
RTD	8 AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L214
RTD	8 AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L215
RTD	8 AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L216
Empty or Standard I/O	Empty or Standard I/O	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L009
Empty or Standard I/O	Empty or Standard I/O	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L801
Empty or Standard I/O	Empty or Standard I/O	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L809
Empty or Standard I/O	Empty or Standard I/O	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L805
Empty or Standard I/O	2AVI / 4AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L304
Empty or Standard I/O	2AVI / 4AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L305
Empty or Standard I/O	2AVI / 4AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L306
Empty or Standard I/O	2AVI / 4AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L307
Empty or Standard I/O	8 AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L229
Empty or Standard I/O	8 AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L230
Empty or Standard I/O	8 AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L231
Empty or Standard I/O	8 AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L232

Reference Ordering Information for other product MOTs:

Work Instruction	Product SElect I/O Cards
WI-5932	SEL-700G, SEL-710, SEL-749M, SEL-751A, SEL-787, SEL-2410, SEL-2411, and SEL-2414
WI-11297	SEL-710-5
WI-12174	SEL-787-3/-4

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