

# SElect I/O Cards

Part Numbers for the SEL-751



**SCHWEITZER  
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## Ordering Information

### Serial Communication Card (SElect EIA-232/485)

	Part Number
Serial Communication	9717LA0 <sup>(1)</sup>
* 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 <sup>(1)</sup>
24 Vdc/Vac DI, Electromechanical DO	9727LBB <sup>(1)</sup>
48 Vdc/Vac DI, Electromechanical DO	9727LBC <sup>(1)</sup>
110 Vdc/Vac DI, Electromechanical DO	9727LBD <sup>(1)</sup>
220 Vdc/Vac DI, Electromechanical DO	9727LBG <sup>(1)</sup>
250 Vdc/Vac DI, Electromechanical DO	9727LBH <sup>(1)</sup>
* 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 <sup>(1)</sup>
24 Vdc/Vac DI, Electromechanical DO	9764L1B <sup>(1)</sup>
48 Vdc/Vac DI, Electromechanical DO	9764L1C <sup>(1)</sup>
110 Vdc/Vac DI, Electromechanical DO	9764L1D <sup>(1)</sup>
220 Vdc/Vac DI, Electromechanical DO	9764L1G <sup>(1)</sup>
250 Vdc/Vac DI, Electromechanical DO	9764L1H <sup>(1)</sup>
125 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCA <sup>(1)</sup>
24 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCB <sup>(1)</sup>
48 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCC <sup>(1)</sup>
110 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCD <sup>(1)</sup>
220 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCG <sup>(1)</sup>
250 Vdc/Vac DI, Fast High Current Interrupting DO	9764LCH <sup>(1)</sup>
* 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 <sup>(1)</sup>
24 Vdc/Vac DI, Electromechanical DO	9773LCB <sup>(1)</sup>
48 Vdc/Vac DI, Electromechanical DO	9773LCC <sup>(1)</sup>
110 Vdc/Vac DI, Electromechanical DO	9773LCD <sup>(1)</sup>
220 Vdc/Vac DI, Electromechanical DO	9773LCG <sup>(1)</sup>
250 Vdc/Vac DI, Electromechanical DO	9773LCH <sup>(1)</sup>
* Note: Slots C, D or E.	

#### 8 Digital Output (SElect 8 DO)

Output Type	Part Number
8 Form A Electromechanical DO	9745L2A <sup>(1)</sup>
8 Form B Electromechanical DO	9745L2B <sup>(1)</sup>
6 Form A and 2 Form B Electromechanical DO	9745L2C <sup>(1)</sup>
6 Form B and 2 Form A Electromechanical DO	9745L2D <sup>(1)</sup>
4 Form A and 4 Form B Electromechanical DO	9745L2G <sup>(1)</sup>
* 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 <sup>(1)</sup>
24 Vdc/Vac	9760L3B <sup>(1)</sup>
48 Vdc/Vac	9760L3C <sup>(1)</sup>
110 Vdc/Vac	9760L3D <sup>(1)</sup>
220 Vdc/Vac	9760L3G <sup>(1)</sup>
250 Vdc/Vac	9760L3H <sup>(1)</sup>
* Note: Slots C, D or E.	

### 14 Digital Input (SElect 14 DI)

Digital Input Voltage	Part Number
125 Vdc/Vac	9775L4A <sup>(1)</sup> **
24 Vdc/Vac	9775L4B <sup>(1)</sup> **
48 Vdc/Vac	9775L4C <sup>(1)</sup> **
110 Vdc/Vac	9775L4D <sup>(1)</sup> **
220 Vdc/Vac	9775L4G <sup>(1)</sup> **
250 Vdc/Vac	9775L4H <sup>(1)</sup> **
* 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 $\pm 10$ V, Jumper Selectable	9763L6X <sup>(1)</sup>
* 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 $\pm 10$ V, Jumper Selectable	9762L5X <sup>(1)</sup>
* Note: Slots C, D or E.	

### 10 RTD Input Card (SElect 10 RTD)

Input Type	Part Number
RTD Analog Input	9719L9X <sup>(1)</sup>
* 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)**

<b>Digital Input Voltage</b>	<b>Part Number</b>
125 Vdc/Vac Digital Input	9765L1A_( <sup>1</sup> )
24 Vdc/Vac Digital Input	9765L1B_( <sup>1</sup> )
48 Vdc/Vac Digital Input	9765L1C_( <sup>1</sup> )
110 Vdc/Vac Digital Input	9765L1D_( <sup>1</sup> )
220 Vdc/Vac Digital Input	9765L1G_( <sup>1</sup> )
250 Vdc/Vac Digital Input	9765L1H_( <sup>1</sup> )
* Note: Slot A option only.	

**Power Supply 125/250 Vdc/Vac (SElect PSIO / 2 DI / 3 DO) for Relays With 5 in Color Touchscreen Display**

<b>Digital Input Voltage</b>	<b>Part Number</b>
125 Vdc/Vac Digital Input	9775L1AAB_( <sup>1</sup> )
24 Vdc/Vac Digital Input	9775L1BAB_( <sup>1</sup> )
48 Vdc/Vac Digital Input	9775L1CAB_( <sup>1</sup> )
110 Vdc/Vac Digital Input	9775L1DAB_( <sup>1</sup> )
220 Vdc/Vac Digital Input	9775L1GAB_( <sup>1</sup> )
250 Vdc/Vac Digital Input	9775L1HAB_( <sup>1</sup> )
* Note: Slot A option only.	

**Power Supply 24/48 Vdc (SElect PSIO / 2 DI / 3 DO) for Relay With 2x16 LCD Display**

<b>Digital Input Voltage</b>	<b>Part Number</b>
125 Vdc/Vac Digital Input	9765L2A_( <sup>1</sup> )
24 Vdc/Vac Digital Input	9765L2B_( <sup>1</sup> )
48 Vdc/Vac Digital Input	9765L2C_( <sup>1</sup> )
110 Vdc/Vac Digital Input	9765L2D_( <sup>1</sup> )
220 Vdc/Vac Digital Input	9765L2G_( <sup>1</sup> )
250 Vdc/Vac Digital Input	9765L2H_( <sup>1</sup> )
* 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.

**Power Supply 24/48 Vdc (SElect PSIO / 2 DI / 3 DO) for Relay With 5 in 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.	

**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	9775LLO_(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 R301-V2, R300-V7, R202-V4 or higher firmware.	

**Vsync (300 Vac), Vbat (300 Vdc) Input and 7 Digital Input (SElect 7DI)**

Digital Input Voltage	Part Number
125 Vdc/Vac	9775L7A_(1)**
24 Vdc/Vac	9775L7B_(1)**
48 Vdc/Vac	9775L7C_(1)**
110 Vdc/Vac	9775L7D_(1)**
220 Vdc/Vac	9775L7G_(1)**
250 Vdc/Vac	9775L7H_(1)**
* Note: Slot E option only. ** Note: Requires R301-V2 or higher firmware. These card kits do not contain a rear panel. Please order a rear panel from the table at the bottom of this document.	

**LEA Vsync (8 Vac), Vbat (300 Vdc) Input and 7 Digital Input (SElect 7DI)**

Digital Input Voltage	Part Number
125 Vdc/Vac	9775LLA_(1)**
24 Vdc/Vac	9775LLB_(1)**
48 Vdc/Vac	9775LLC_(1)**
110 Vdc/Vac	9775LLD_(1)**
220 Vdc/Vac	9775LLG_(1)**
250 Vdc/Vac	9775LLH_(1)**
* Note: Slot E option only. ** Note: Requires R301-V2 or higher firmware. These card kits do not contain a rear panel. Please order a rear panel from the table at the bottom of this document.	

(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 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)**
Rogowski Coil or LPCT Input Phase RJ-45 Inputs, 200 mA Neutral Terminal Block Input, 3-Phase LEA AC Voltage (8 Vac) RJ-45 Inputs	9775L7L_(1)***
* Note: Slot Z only. ** Note: Requires R301-V2, R300-V7, R202-V4 or higher firmware. *** Note: Requires R301-V2 or higher firmware. These card kits do not contain a rear panel. Please order a rear panel from the table at the bottom of this document.	

(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: Terminals (Z09-Z12) in SElect 4 ACI card are not functional. * Note: Slot Z only. ** Note: Requires R200-V2 or higher firmware.	

### Processor Board (SElect CPU / COM)

Input Type	Rear Port Type	Ethernet Type	Fiber-Optic Serial Port	Protocol Type	Part Number
IRIG-B	EIA-232	None	Multimode ST	Standard	9748L000_(1)
IRIG-B	EIA-232	None	Multimode ST	Standard, DNP3	9748L002_(1)
IRIG-B	EIA-232	None	Multimode ST	Standard, IEC 60870-5-103	9775L004_(1)**
IRIG-B	EIA-232	None	Multimode ST	Standard, DNP3, IEC 60870-5-103	9775L006_(1)**
IRIG-B	EIA-485	None	Multimode ST	Standard	9748L010_(1)
IRIG-B	EIA-485	None	Multimode ST	Standard, DNP3	9748L012_(1)
IRIG-B	EIA-485	None	Multimode ST	Standard, IEC 60870-5-103	9775L014_(1)**
IRIG-B	EIA-485	None	Multimode ST	Standard, DNP3, IEC 60870-5-103	9775L016_(1)**
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Multimode ST	Standard	9748L020_(1)
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Multimode ST	Standard, IEC 61850	9748L021_(1)
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3	9748L022_(1)
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3, IEC 61850	9748L023_(1)
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Multimode ST	Standard, IEC 60870-5-103	9775L024_(1)**
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Multimode ST	Standard, IEC 60870-5-103, IEC 61850	9775L025_(1)**
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3, IEC 60870-5-103	9775L026_(1)**
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L027_(1)**
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Multimode ST	Standard	9748L030_(1)
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Multimode ST	Standard, IEC 61850	9748L031_(1)
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3	9748L032_(1)
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3, IEC 61850	9748L033_(1)
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Multimode ST	Standard, IEC 60870-5-103	9775L034_(1)**
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Multimode ST	Standard, IEC 60870-5-103, IEC 61850	9775L035_(1)**
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3, IEC 60870-5-103	9775L036_(1)**
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L037_(1)**
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Multimode ST	Standard	9748L040_(1)
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Multimode ST	Standard, IEC 61850	9748L041_(1)
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Multimode ST	Standard, DNP3	9748L042_(1)

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

**Processor Board (SElect CPU / COM) Continued**

Input Type	Rear Port Type	Ethernet Type	Fiber-Optic Serial Port	Protocol Type	Part Number
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Multimode ST	Standard, DNP3, IEC 61850	9748L043_(1)
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Multimode ST	Standard, IEC 60870-5-103	9775L044_(1)**
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Multimode ST	Standard, IEC 60870-5-103, IEC 61850	9775L045_(1)**
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Multimode ST	Standard, DNP3, IEC 60870-5-103	9775L046_(1)**
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Multimode ST	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L047_(1)**
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Multimode ST	Standard	9748L060_(1)
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Multimode ST	Standard, IEC 61850	9748L061_(1)
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3	9748L062_(1)
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3, IEC 61850	9748L063_(1)
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Multimode ST	Standard, IEC 60870-5-103	9775L064_(1)**
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Multimode ST	Standard, IEC 60870-5-103, IEC 61850	9775L065_(1)**
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3, IEC 60870-5-103	9775L066_(1)**
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Multimode ST	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L067_(1)**
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Multimode ST	Standard	9748L080_(1)
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Multimode ST	Standard, IEC 61850	9748L081_(1)
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Multimode ST	Standard, DNP3	9748L082_(1)
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Multimode ST	Standard, DNP3, IEC 61850	9748L083_(1)
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Multimode ST	Standard, IEC 60870-5-103	9775L084_(1)**
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Multimode ST	Standard, IEC 60870-5-103, IEC 61850	9775L085_(1)**
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Multimode ST	Standard, DNP3, IEC 60870-5-103	9775L086_(1)**
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Multimode ST	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L087_(1)**
IRIG-B	EIA-232	None	None	Standard	9775L0A0_(1)***
IRIG-B	EIA-232	None	None	Standard, DNP3	9775L0A2_(1)***
IRIG-B	EIA-232	None	None	Standard, IEC 60870-5-103	9775L0A4_(1)***
IRIG-B	EIA-232	None	None	Standard, DNP3, IEC 60870-5-103	9775L0A6_(1)***
IRIG-B	EIA-485	None	None	Standard	9775L0B0_(1)***
IRIG-B	EIA-485	None	None	Standard, DNP3	9775L0B2_(1)***
IRIG-B	EIA-485	None	None	Standard, IEC 60870-5-103	9775L0B4_(1)***
IRIG-B	EIA-485	None	None	Standard, DNP3, IEC 60870-5-103	9775L0B6_(1)***
IRIG-B	EIA-232	Single 10/100BASE-T (Copper)	None	Standard	9775L0C0_(1)***
IRIG-B	EIA-232	Single 10/100BASE-T (Copper)	None	Standard, IEC 61850	9775L0C1_(1)***
IRIG-B	EIA-232	Single 10/100BASE-T (Copper)	None	Standard, DNP3	9775L0C2_(1)***
IRIG-B	EIA-232	Single 10/100BASE-T (Copper)	None	Standard, DNP3, IEC 61850	9775L0C3_(1)***
IRIG-B	EIA-232	Single 10/100BASE-T (Copper)	None	Standard, IEC 60870-5-103	9775L0C4_(1)***
IRIG-B	EIA-232	Single 10/100BASE-T (Copper)	None	Standard, IEC 60870-5-103, IEC 61850	9775L0C5_(1)***
IRIG-B	EIA-232	Single 10/100BASE-T (Copper)	None	Standard, DNP3, IEC 60870-5-103	9775L0C6_(1)***

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



**Processor Board (SElect CPU / COM) Continued**

Input Type	Rear Port Type	Ethernet Type	Fiber-Optic Serial Port	Protocol Type	Part Number
IRIG-B	EIA-232	Single 10/100BASE-T (Copper)	None	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L0C7_(1)***
IRIG-B	EIA-485	Single 10/100BASE-T (Copper)	None	Standard	9775L0D0_(1)***
IRIG-B	EIA-485	Single 10/100BASE-T (Copper)	None	Standard, IEC 61850	9775L0D1_(1)***
IRIG-B	EIA-485	Single 10/100BASE-T (Copper)	None	Standard, DNP3	9775L0D2_(1)***
IRIG-B	EIA-485	Single 10/100BASE-T (Copper)	None	Standard, DNP3, IEC 61850	9775L0D3_(1)***
IRIG-B	EIA-485	Single 10/100BASE-T (Copper)	None	Standard, IEC 60870-5-103	9775L0D4_(1)***
IRIG-B	EIA-485	Single 10/100BASE-T (Copper)	None	Standard, IEC 60870-5-103, IEC 61850	9775L0D5_(1)***
IRIG-B	EIA-485	Single 10/100BASE-T (Copper)	None	Standard, DNP3, IEC 60870-5-103	9775L0D6_(1)***
IRIG-B	EIA-485	Single 10/100BASE-T (Copper)	None	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L0D7_(1)***
IRIG-B	EIA-232	Single 100BASE-FX (Fiber)	None	Standard	9775L0E0_(1)***
IRIG-B	EIA-232	Single 100BASE-FX (Fiber)	None	Standard, IEC 61850	9775L0E1_(1)***
IRIG-B	EIA-232	Single 100BASE-FX (Fiber)	None	Standard, DNP3	9775L0E2_(1)***
IRIG-B	EIA-232	Single 100BASE-FX (Fiber)	None	Standard, DNP3, IEC 61850	9775L0E3_(1)***
IRIG-B	EIA-232	Single 100BASE-FX (Fiber)	None	Standard, IEC 60870-5-103	9775L0E4_(1)***
IRIG-B	EIA-232	Single 100BASE-FX (Fiber)	None	Standard, IEC 60870-5-103, IEC 61850	9775L0E5_(1)***
IRIG-B	EIA-232	Single 100BASE-FX (Fiber)	None	Standard, DNP3, IEC 60870-5-103	9775L0E6_(1)***
IRIG-B	EIA-232	Single 100BASE-FX (Fiber)	None	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L0E7_(1)***
IRIG-B	EIA-232	Dual 10/100BASE-T (Copper)	None	Standard	9775L0F0_(1)***
IRIG-B	EIA-232	Dual 10/100BASE-T (Copper)	None	Standard, IEC 61850	9775L0F1_(1)***
IRIG-B	EIA-232	Dual 10/100BASE-T (Copper)	None	Standard, DNP3	9775L0F2_(1)***
IRIG-B	EIA-232	Dual 10/100BASE-T (Copper)	None	Standard, DNP3, IEC 61850	9775L0F3_(1)***
IRIG-B	EIA-232	Dual 10/100BASE-T (Copper)	None	Standard, IEC 60870-5-103	9775L0F4_(1)***
IRIG-B	EIA-232	Dual 10/100BASE-T (Copper)	None	Standard, IEC 60870-5-103, IEC 61850	9775L0F5_(1)***
IRIG-B	EIA-232	Dual 10/100BASE-T (Copper)	None	Standard, DNP3, IEC 60870-5-103	9775L0F6_(1)***
IRIG-B	EIA-232	Dual 10/100BASE-T (Copper)	None	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L0F7_(1)***
IRIG-B	EIA-232	Dual 100BASE-FX (Fiber)	None	Standard	9775L0G0_(1)***
IRIG-B	EIA-232	Dual 100BASE-FX (Fiber)	None	Standard, IEC 61850	9775L0G1_(1)***
IRIG-B	EIA-232	Dual 100BASE-FX (Fiber)	None	Standard, DNP3	9775L0G2_(1)***
IRIG-B	EIA-232	Dual 100BASE-FX (Fiber)	None	Standard, DNP3, IEC 61850	9775L0G3_(1)***
IRIG-B	EIA-232	Dual 100BASE-FX (Fiber)	None	Standard, IEC 60870-5-103	9775L0G4_(1)***
IRIG-B	EIA-232	Dual 100BASE-FX (Fiber)	None	Standard, IEC 60870-5-103, IEC 61850	9775L0G5_(1)***
IRIG-B	EIA-232	Dual 100BASE-FX (Fiber)	None	Standard, DNP3, IEC 60870-5-103	9775L0G6_(1)***
IRIG-B	EIA-232	Dual 100BASE-FX (Fiber)	None	Standard, DNP3, IEC 60870-5-103, IEC 61850	9775L0G7_(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.

\*\*\* Note: Requires R200-V4 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.

## SEL-751 Rear Panels

Card Slot Options					
Slot Z Option (Current/Voltage Input)	Slot D Option	Slot E Option	Slot B (Mainboard) Options		Part Number
AC Current / Voltage Inputs	RTD	Empty or Standard I/O	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L010
AC Current / Voltage Inputs	RTD	Empty or Standard I/O	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L811
AC Current / Voltage Inputs	RTD	Empty or Standard I/O	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L803
AC Current / Voltage Inputs	RTD	Empty or Standard I/O	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L807
AC Current / Voltage Inputs	RTD	2AVI / 4AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L300
AC Current / Voltage Inputs	RTD	2AVI / 4AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L301
AC Current / Voltage Inputs	RTD	2AVI / 4AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L302
AC Current / Voltage Inputs	RTD	2AVI / 4AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L303
AC Current / Voltage Inputs	RTD	8 AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L213
AC Current / Voltage Inputs	RTD	8 AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L214
AC Current / Voltage Inputs	RTD	8 AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L215
AC Current / Voltage Inputs	RTD	8 AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L216
AC Current / Voltage Inputs	RTD	2 AVI / 7 DI	EIA-485 Rear	None/Single 10/100Base-T (Copper)	9777LL01
AC Current / Voltage Inputs	RTD	2 AVI / 7 DI	EIA-232 Rear	None/Single 10/100Base-T (Copper)	9777LL02
AC Current / Voltage Inputs	RTD	2 AVI / 7 DI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber)	9777LL03
AC Current / Voltage Inputs	RTD	2 AVI / 7 DI	EIA-232 Rear	Dual 10/100Base-T (Copper)	9777LL04
AC Current / Voltage Inputs	Empty or Standard I/O	Empty or Standard I/O	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L009
AC Current / Voltage Inputs	Empty or Standard I/O	Empty or Standard I/O	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L801
AC Current / Voltage Inputs	Empty or Standard I/O	Empty or Standard I/O	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L809
AC Current / Voltage Inputs	Empty or Standard I/O	Empty or Standard I/O	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L805
AC Current / Voltage Inputs	Empty or Standard I/O	2AVI / 4AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L304
AC Current / Voltage Inputs	Empty or Standard I/O	2AVI / 4AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L305
AC Current / Voltage Inputs	Empty or Standard I/O	2AVI / 4AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L306
AC Current / Voltage Inputs	Empty or Standard I/O	2AVI / 4AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L307
AC Current / Voltage Inputs	Empty or Standard I/O	8 AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L229
AC Current / Voltage Inputs	Empty or Standard I/O	8 AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L230
AC Current / Voltage Inputs	Empty or Standard I/O	8 AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L231
AC Current / Voltage Inputs	Empty or Standard I/O	8 AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L232
AC Current / Voltage Inputs	Empty or Standard I/O	2 AVI / 7 DI	EIA-485 Rear	None/Single 10/100Base-T (Copper)	9777LL21
AC Current / Voltage Inputs	Empty or Standard I/O	2 AVI / 7 DI	EIA-232 Rear	None/Single 10/100Base-T (Copper)	9777LL22
AC Current / Voltage Inputs	Empty or Standard I/O	2 AVI / 7 DI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber)	9777LL23
AC Current / Voltage Inputs	Empty or Standard I/O	2 AVI / 7 DI	EIA-232 Rear	Dual 10/100Base-T (Copper)	9777LL24
LEA AC Current / Voltage RJ45 Inputs	RTD	Empty or Standard I/O	EIA-485 Rear	None/Single 10/100Base-T (Copper)	9777LL05
LEA AC Current / Voltage RJ45 Inputs	RTD	Empty or Standard I/O	EIA-232 Rear	None/Single 10/100Base-T (Copper)	9777LL06

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

**SEL-751 Rear Panels Continued**

Card Slot Options					
Slot Z Option (Current/Voltage Input)	Slot D Option	Slot E Option	Slot B (Mainboard) Options		Part Number
LEA AC Current / Voltage RJ45 Inputs	RTD	Empty or Standard I/O	EIA-232 Rear	Single/Dual 100Base-FX (Fiber)	9777LL07
LEA AC Current / Voltage RJ45 Inputs	RTD	Empty or Standard I/O	EIA-232 Rear	Dual 10/100Base-T (Copper)	9777LL08
LEA AC Current / Voltage RJ45 Inputs	RTD	2 AVI / 4 AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber)	9777LL09
LEA AC Current / Voltage RJ45 Inputs	RTD	2 AVI / 4 AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper)	9777LL10
LEA AC Current / Voltage RJ45 Inputs	RTD	2 AVI / 4 AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper)	9777LL11
LEA AC Current / Voltage RJ45 Inputs	RTD	2 AVI / 4 AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper)	9777LL12
LEA AC Current / Voltage RJ45 Inputs	RTD	8 AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper)	9777LL13
LEA AC Current / Voltage RJ45 Inputs	RTD	8 AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper)	9777LL14
LEA AC Current / Voltage RJ45 Inputs	RTD	8 AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper)	9777LL15
LEA AC Current / Voltage RJ45 Inputs	RTD	8 AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber)	9777LL16
LEA AC Current / Voltage RJ45 Inputs	RTD	2 AVI / 7 DI	EIA-485 Rear	None/Single 10/100Base-T (Copper)	9777LL17
LEA AC Current / Voltage RJ45 Inputs	RTD	2 AVI / 7 DI	EIA-232 Rear	None/Single 10/100Base-T (Copper)	9777LL18
LEA AC Current / Voltage RJ45 Inputs	RTD	2 AVI / 7 DI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber)	9777LL19
LEA AC Current / Voltage RJ45 Inputs	RTD	2 AVI / 7 DI	EIA-232 Rear	Dual 10/100Base-T (Copper)	9777LL20
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	Empty or Standard I/O	EIA-485 Rear	None/Single 10/100Base-T (Copper)	9777LL25
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	Empty or Standard I/O	EIA-232 Rear	None/Single 10/100Base-T (Copper)	9777LL26
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	Empty or Standard I/O	EIA-232 Rear	Single/Dual 100Base-FX (Fiber)	9777LL27
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	Empty or Standard I/O	EIA-232 Rear	Dual 10/100Base-T (Copper)	9777LL28
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	2 AVI / 4 AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper)	9777LL29
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	2 AVI / 4 AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper)	9777LL30
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	2 AVI / 4 AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber)	9777LL31
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	2 AVI / 4 AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper)	9777LL32
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	8 AFDI	EIA-485 Rear	None/Single 10/100Base-T (Copper)	9777LL33
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	8 AFDI	EIA-232 Rear	None/Single 10/100Base-T (Copper)	9777LL34
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	8 AFDI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber)	9777LL35
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	8 AFDI	EIA-232 Rear	Dual 10/100Base-T (Copper)	9777LL36
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	2 AVI / 7 DI	EIA-485 Rear	None/Single 10/100Base-T (Copper)	9777LL37
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	2 AVI / 7 DI	EIA-232 Rear	None/Single 10/100Base-T (Copper)	9777LL38
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	2 AVI / 7 DI	EIA-232 Rear	Single/Dual 100Base-FX (Fiber)	9777LL39
LEA AC Current / Voltage RJ45 Inputs	Empty or Standard I/O	2 AVI / 7 DI	EIA-232 Rear	Dual 10/100Base-T (Copper)	9777LL40

**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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