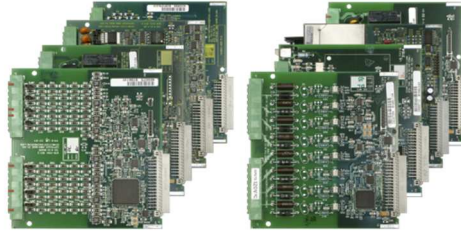


SElect I/O Cards

Part Numbers for the SEL-700G



**SCHWEITZER
ENGINEERING
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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. Slot E is available only in G0 models.	

(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. Slot E is available only in G0 models.	

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. Slot E is available only in G0 models.	

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. Slot E is available only in G0 models.	

(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. Slot E is available only in G0 models.	

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. Slot E is available only in G0 models. Note: Requires R200-V0 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. Slot E is available only in G0 models.	

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) for Relay with 2x16 LCD Display

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 Displays

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) for Relay With 2x16 LCD Display

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.

SElect ACI / AVI

	Part Number
3-Phase AC Current Input (1 A) / Vsync Input and Vn Input (300 Vac) – SElect 3 ACI / 2 AVI	9740L72_(1)
Vsync Input and Vn Input (300 Vac) – SElect 2 AVI	9740L74_(1)
3-Phase AC Current Input (5 A) / Vsync Input and Vn Input (300 Vac) – SElect 3 ACI / 2 AVI	9740L76_(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: These card kits are for Slot E only. Kits 9740L72_ and 9740L76_ require a 700G1+ model, and kit 9740L74_ requires a 700G0+ model.	

3-Phase AC Current Input / Neutral AC Current Input / 3-Phase AC Voltage (300 Vac) (SElect 4 ACI / 3 AVI)

	Part Number
1 Amp Phase, 1 Amp Neutral	9740L81_(1)
1 Amp Phase, 5 Amp Neutral	9740L82_(1)
5 Amp Phase, 5 Amp Neutral	9740L85_(1)
5 Amp Phase, 1 Amp Neutral	9740L86_(1)
Note: These card kits are for Slot Z 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.

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⁾
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⁾

(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	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.

** Requires R200-V0 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-700G Rear Panels

Card Slot Support	Part Number
EIA-232, Dual Copper Ethernet, Models (G0+, G1, G1+, GT, GT+, GW)	9777L001
RTD, EIA-232, Dual Copper Ethernet, Models (G0+, G1, G1+, GT, GT+, GW)	9777L002
EIA-232, Single/Dual Fiber Ethernet, Models (G0+, G1, G1+, GT, GT+, GW)	9777L003
RTD, EIA-232, Single/Dual Fiber Ethernet, Models (G0+, G1, G1+, GT, GT+, GW)	9777L004
EIA-485, None/Single Copper Ethernet, Models (G0+, G1, G1+, GT, GT+, GW)	9777L005
RTD, EIA-485, None/Single Copper Ethernet, Models (G0+, G1, G1+, GT, GT+, GW)	9777L006
EIA-232, None/Single Copper Ethernet, Models (G0+, G1, G1+, GT, GT+, GW)	9777L007
RTD, EIA-232, None/Single Copper Ethernet, Models (G0+, G1, G1+, GT, GT+, GW)	9777L008
EIA-232, None/Single Copper Ethernet, Model (G0)	9777L009
EIA-485, None/Single Copper Ethernet, Model (G0)	9777L801
RTD, EIA-232, Single/Dual Fiber Ethernet, Model (G0)	9777L803
EIA-232, Dual Copper Ethernet, Model (G0)	9777L805
RTD, EIA-232, Dual Copper Ethernet, Model (G0)	9777L807
EIA-232, Single/Dual Fiber Ethernet, Model (G0)	9777L809
RTD, EIA-485, None/Single Copper Ethernet, Model (G0)	9777L811

Reference Ordering Information for other product MOTs:

Work Instruction	Product SElect I/O Cards
WI-5932	SEL-710, SEL-749M, SEL-751A, SEL-787, SEL-2410, SEL-2411, and SEL-2414
WI-11297	SEL-710-5
WI-12174	SEL-787-2, -3, -4
WI-12625	SEL-751

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