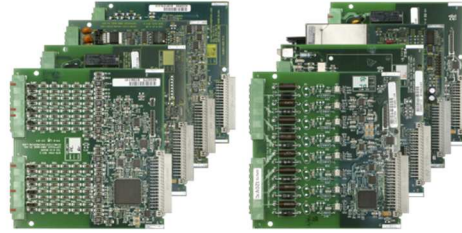


SELECT I/O Cards

Part Numbers for the SEL-787-2, SEL-787-3, and SEL-787-4



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Ordering Information

Serial Communication Card (SELECT EIA-232/485)

	Part Number
Serial Communication	9787LA0 ⁽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	9787LBA ⁽¹⁾
24 Vdc/Vac DI, Electromechanical DO	9787LBB ⁽¹⁾
48 Vdc/Vac DI, Electromechanical DO	9787LBC ⁽¹⁾
110 Vdc/Vac DI, Electromechanical DO	9787LBD ⁽¹⁾
220 Vdc/Vac DI, Electromechanical DO	9787LBG ⁽¹⁾
250 Vdc/Vac DI, Electromechanical DO	9787LBH ⁽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	9787L1A ⁽¹⁾
24 Vdc/Vac DI, Electromechanical DO	9787L1B ⁽¹⁾
48 Vdc/Vac DI, Electromechanical DO	9787L1C ⁽¹⁾
110 Vdc/Vac DI, Electromechanical DO	9787L1D ⁽¹⁾
220 Vdc/Vac DI, Electromechanical DO	9787L1G ⁽¹⁾
250 Vdc/Vac DI, Electromechanical DO	9787L1H ⁽¹⁾
125 Vdc/Vac DI, Fast High Current Interrupting DO	9787LCA ⁽¹⁾
24 Vdc/Vac DI, Fast High Current Interrupting DO	9787LCB ⁽¹⁾
48 Vdc/Vac DI, Fast High Current Interrupting DO	9787LCC ⁽¹⁾
110 Vdc/Vac DI, Fast High Current Interrupting DO	9787LCD ⁽¹⁾
220 Vdc/Vac DI, Fast High Current Interrupting DO	9787LCG ⁽¹⁾
250 Vdc/Vac DI, Fast High Current Interrupting DO	9787LCH ⁽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	9787LDA ⁽¹⁾
24 Vdc/Vac DI, Electromechanical DO	9787LDB ⁽¹⁾
48 Vdc/Vac DI, Electromechanical DO	9787LDC ⁽¹⁾
110 Vdc/Vac DI, Electromechanical DO	9787LDD ⁽¹⁾
220 Vdc/Vac DI, Electromechanical DO	9787LDG ⁽¹⁾
250 Vdc/Vac DI, Electromechanical DO	9787LDH ⁽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	9787L3A ₍₁₎
24 Vdc/Vac	9787L3B ₍₁₎
48 Vdc/Vac	9787L3C ₍₁₎
110 Vdc/Vac	9787L3D ₍₁₎
220 Vdc/Vac	9787L3G ₍₁₎
250 Vdc/Vac	9787L3H ₍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: Only one 4 AI / 4 AO card per chassis. Note: Slots C, D, or E. Note: Requires R200 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	9787L6X ₍₁₎
Note: Only one 4 AI / 4 AO card per chassis. Note: Slots C, D, or E.	

10 RTD Input Card (SELECT 10 RTD)

Input Type	Part Number
RTD Analog Input	9787L9X ₍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.

6-Phase AC Current Input (SELECT 6 ACI)

Phase Current – Winding 3, Phase Current – Winding 4	Part Number
1 Amp Phase Winding 3, 1 Amp Phase Winding 4	9787L4XA1 ⁽¹⁾
1 Amp Phase Winding 3, 5 Amp Phase Winding 4	9787L4XA2 ⁽¹⁾
5 Amp Phase Winding 3, 5 Amp Phase Winding 4	9787L4XA5 ⁽¹⁾
Note: Slot E option only. SEL-787-4X Model.	

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

Neutral Current, Phase Current – Winding 3	Part Number
1 Amp Neutral , 1 Amp Winding 3	9787L3E72 ⁽¹⁾
5 Amp Neutral , 5 Amp Winding 3	9787L3E76 ⁽¹⁾
1 Amp Neutral , 5 Amp Winding 3	9787L3E73 ⁽¹⁾
5 Amp Neutral , 1 Amp Winding 3	9787L3E77 ⁽¹⁾
Note: Slot E option only. SEL-787-3E Model.	

3-Phase AC Current Input / 3-Phase AC Voltage and Vsync/Vbat Input (300 V) (SELECT 3 ACI / 4 AVI)

Phase Current – Winding 3	Part Number
1 Amp Winding 3	9787L3S71 ⁽¹⁾
5 Amp Winding 3	9787L3S75 ⁽¹⁾
Note: Slot E option only. SEL-787-3S Model.	

6-Phase AC Current Input (SELECT 6 ACI)

Phase Current – Winding 1, Phase Current – Winding 2	Part Number
1 Amp Phase Winding 1, 1 Amp Phase Winding 2	9787L81 ⁽¹⁾
1 Amp Phase Winding 1, 5 Amp Phase Winding 2	9787L82 ⁽¹⁾
5 Amp Phase Winding 1, 5 Amp Phase Winding 2	9787L85 ⁽¹⁾
Note: Slot Z option only.	

1 AC Current (SElect 1 ACI)

	Part Number
1 A Neutral	9787L21A6 ⁽¹⁾
5 A Neutral	9787L21A7 ⁽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.	

1 AC Current / 3-Phase AC Voltage Input (SElect 1 ACI / 3 AVI)

	Part Number
300 Vac Maximum Current: 1 A Neutral	9787L2E78 ⁽¹⁾
300 Vac Maximum Current: 5 A Neutral	9787L2E79 ⁽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.	

(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	9723L1A ⁽¹⁾
24 Vdc/Vac Digital Input	9723L1B ⁽¹⁾
48 Vdc/Vac Digital Input	9723L1C ⁽¹⁾
110 Vdc/Vac Digital Input	9723L1D ⁽¹⁾
220 Vdc/Vac Digital Input	9723L1G ⁽¹⁾
250 Vdc/Vac Digital Input	9723L1H ⁽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	9723L2A ⁽¹⁾
24 Vdc/Vac Digital Input	9723L2B ⁽¹⁾
48 Vdc/Vac Digital Input	9723L2C ⁽¹⁾
110 Vdc/Vac Digital Input	9723L2D ⁽¹⁾
220 Vdc/Vac Digital Input	9723L2G ⁽¹⁾
250 Vdc/Vac Digital Input	9723L2H ⁽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) 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.

Processor Board (SELECT CPU / COM)

Input Type	Rear Port Type	Ethernet Type	Protocol Type	Part Number
IRIG-B	EIA-232	None	Standard	9787L000 ⁽¹⁾
IRIG-B	EIA-232	None	Standard, DNP3	9787L002 ⁽¹⁾
IRIG-B	EIA-232	None	Standard, IEC 60870-5-103	9787L004 ⁽¹⁾
IRIG-B	EIA-232	None	Standard, DNP3, IEC 60870-5-103	9787L006 ⁽¹⁾
IRIG-B	EIA-485	None	Standard	9787L010 ⁽¹⁾
IRIG-B	EIA-485	None	Standard, DNP3	9787L012 ⁽¹⁾
IRIG-B	EIA-485	None	Standard, IEC 60870-5-103	9787L014 ⁽¹⁾
IRIG-B	EIA-485	None	Standard, DNP3, IEC 60870-5-103	9787L016 ⁽¹⁾
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard	9787L020 ⁽¹⁾
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, IEC 61850	9787L021 ⁽¹⁾
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, DNP3	9787L022 ⁽¹⁾
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 61850	9787L023 ⁽¹⁾
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, IEC 60870-5-103	9787L024 ⁽¹⁾
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, IEC 60870-5-103, IEC 61850	9787L025 ⁽¹⁾
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103	9787L026 ⁽¹⁾
IRIG-B	EIA-232	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103, IEC 61850	9787L027 ⁽¹⁾
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard	9787L030 ⁽¹⁾
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, IEC 61850	9787L031 ⁽¹⁾
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, DNP3	9787L032 ⁽¹⁾
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 61850	9787L033 ⁽¹⁾
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, IEC 60870-5-103	9787L034 ⁽¹⁾
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, IEC 60870-5-103, IEC 61850	9787L035 ⁽¹⁾
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103	9787L036 ⁽¹⁾
IRIG-B	EIA-485	Single 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103, IEC 61850	9787L037 ⁽¹⁾
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard	9787L040 ⁽¹⁾
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, IEC 61850	9787L041 ⁽¹⁾
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, DNP3	9787L042 ⁽¹⁾
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 61850	9787L043 ⁽¹⁾
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, IEC 60870-5-103	9787L044 ⁽¹⁾
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, IEC 60870-5-103, IEC 61850	9787L045 ⁽¹⁾
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 60870-5-103	9787L046 ⁽¹⁾
IRIG-B	EIA-232	Single 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 60870-5-103, IEC 61850	9787L047 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard	9787L060 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, IEC 61850	9787L061 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, DNP3	9787L062 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, DNP3, IEC 61850	9787L063 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, IEC 60870-5-103	9787L064 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, IEC 60870-5-103, IEC 61850	9787L065 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103	9787L066 ⁽¹⁾
IRIG-B	EIA-232	Dual 10/100 Base-T (Copper)	Standard, DNP3, IEC 60870-5-103, IEC 61850	9787L067 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard	9787L080 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, IEC 61850	9787L081 ⁽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) cont.

Input Type	Rear Port Type	Ethernet Type	Protocol Type	Part Number
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, DNP3	9787L082 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 61850	9787L083 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, IEC 60870-5-103	9787L084 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, IEC 60870-5-103, IEC 61850	9787L085 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 60870-5-103	9787L086 ⁽¹⁾
IRIG-B	EIA-232	Dual 100Base-FX MM LC (Fiber)	Standard, DNP3, IEC 60870-5-103, IEC 61850	9787L087 ⁽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.

SEL-787-2, -3, -4 Rear Panels

		Card Slot Options		Part Number
Slot D Option	Slot E Option	Slot B (Mainboard) Options		
RTD	ALL	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L008
RTD	ALL	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L006
RTD	ALL	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L004
RTD	ALL	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L002
Empty or Standard I/O	ALL	EIA-232 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L007
Empty or Standard I/O	ALL	EIA-485 Rear	None/Single 10/100Base-T (Copper) Ethernet	9777L005
Empty or Standard I/O	ALL	EIA-232 Rear	Single/Dual 100Base-FX (Fiber) Ethernet	9777L003
Empty or Standard I/O	ALL	EIA-232 Rear	Dual 10/100Base-T (Copper) Ethernet	9777L001

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