

4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 220 Vdc/Vac	0	D G
4 DI / 3 DO Electromechanical (2 Form C, 1 Form B) 250 Vdc/Vac	0	D H
3-Phase Rogowski Coil or Low Power Current Transformer (RJ45 inputs), 3- Phase and Vsync Input LEA Voltage Sensor (RJ45 inputs)(SELEct 3 ACI / 4 AVI)	T	L 1
3-Phase Rogowski Coil or Low Power Current Transformer (RJ45 inputs), 1- Neutral and Vsync Input LEA Voltage Sensor (RJ45 inputs)(SELEct 3 ACI / 2 AVI)	1	L 2
3-Phase Rogowski Coil or Low Power Current Transformer (RJ45 inputs) (SELEct 3 ACI) o 700G1 and 700GW models only		L 3
8 DO Electromechanical (Form A)	0	2 X
8 DI 125 Vdc/Vac	0	3 A
8 DI 24 Vdc/Vac	0	3 B
8 DI 48 Vdc/Vac	0	3 C
8 DI 110 Vdc/Vac	0	3 D
8 DI 220 Vdc/Vac	0	3 G
8 DI 250 Vdc/Vac	0	3 H
14 DI 125 Vdc/Vac	0	4 A
14 DI 24 Vdc/Vac	0	4 B
14 DI 48 Vdc/Vac	0	4 C
14 DI 110 Vdc/Vac	0	4 D
14 DI 220 Vdc/Vac	0	4 G
14 DI 250 Vdc/Vac	0	4 H
4 AI / 4 AO (±20 mA or ±10 V Range)	0	6 X
3-Phase 1 Amp AC Current Input / 3- Phase AC Voltage (300 Vac) Input and Vsync Input (SELEct 3 ACI / 4 AVI)	T	7 1
3-Phase 5 Amp AC Current Input / 3- Phase AC Voltage (300 Vac) Input and Vsync Input (SELEct 3 ACI / 4 AVI)	T	7 5
3-Phase 1 Amp AC Current Input / Vsync Input and Vn (300 Vac) Input (SELEct 3 ACI / 2 AVI)	1	7 2
3-Phase 5 Amp AC Current Input / Vsync Input and Vn (300 Vac) Input (SELEct 3 ACI / 2 AVI)	1	7 6
3-Phase 1 Amp AC Current Input (SELEct 3 ACIE) o 700G1 and 700GW models only		7 3
3-Phase 5 Amp AC Current Input (SELEct 3 ACIE) o 700G1 and 700GW models only		7 7
Vsync Input and Vn Input (300 Vac) (SELEct 2 AVI)	0	7 4
1-Neutral and Vsync Input LEA Voltage Sensor (RJ45 inputs)(SELEct 2 AVI)	0	L 4

Slot Z Current and Voltage Inputs

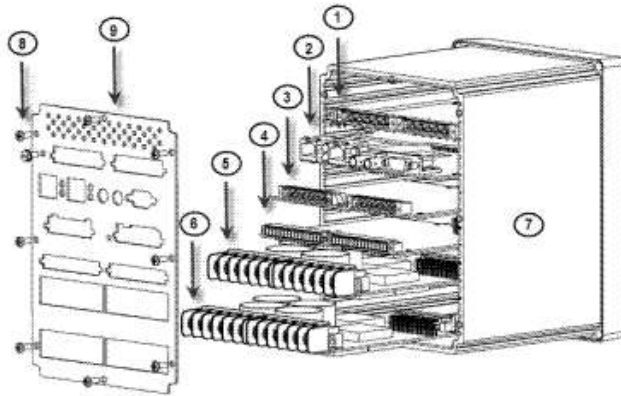
3-Phase 1 Amp AC Current Input / 1 Amp Neutral AC Current Input / 3-Phase AC Voltage (300 Vac) (SELEct 4 ACI / 3 AVI) o 700G0, 700G0+, 700G1, 700G1+, 700GT+ models only		8 1
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SEL-C227A Serial Cable for PC (RS-232, DTE-DTE, DB9 M/DB25 F, Hardware Flow Control)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-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-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-C805 200 μ m Multimode Fiber-Optic Cable (configurable length)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C807 62.5/200 μ m Multimode Fiber-Optic Cable (configurable length)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-C808 62.5/125 μ m Multimode Fiber-Optic Cable*	Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-CA605 CAT5e, Shielded Twisted Pair (STP) Ethernet Cable*	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.
- The protocols SNMP, IEEE 1588-2008 firmware-based PTP and Modbus TCP are included in the standard offering with Single Ethernet option.
- The protocols SNMP, 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 options.
- Download ACSELERATOR QuickSet SEL-5030 software for free at <https://www.selinc.com/software/resolutions/>. ACSELERATOR QuickSet on CD (503001WX4) is available upon request.
- The SEL-700G comes standard with a CD manual. One complimentary printed instruction manual is available upon request with each product purchased.
- 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).
- For additional remote I/O capability, order SEL-2505 Remote I/O Module that is SEL-2812 compatible (ST option only).
- Order external AC powered RTD module SEL-2600A or external DC powered RTD module SEL-2600D using WI-5997 to interface remote external resistive temperature devices (RTD) or use internal RTD inputs option in Slot D.
- If 64F (Field Ground) Protection is desired, order Field Ground Module SEL-2664 (WI-5752) with SEL-C807 (WI-4132) Fiber-optic cable. Additionally, if using SEL-2664 on port 3 order SEL-2812Mx (WI-4600).
- The SEL-700G option cards are orderable separately for field installation. Use WI-5932 and contact your SEL representative to order option cards.
- 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-700G 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)
- ② SELECT Processor and Communications Card (Slot B)
- ③ SELECT I/O Expansion Card (Slot C)
- ④ SELECT I/O Expansion Card (Slot D)
- ⑤ SELECT I/O Expansion Card (Slot E)
- ⑥ SELECT ACI/AVI Card (Slot Z)
- ⑦ Device Case
- ⑧ Rear Panel Mounting Screws
- ⑨ Rear Panel

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

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