

I/O PROCESSOR AND CONTROLLER FEATURES

I/O PROCESSORS AND CONTROLLERS	SEL-2240	SEL-2411	SEL-2440	SEL-2505	SEL-2506	SEL-2515	SEL-2516	SEL-2595
APPLICATIONS								
Save Wiring Via I/O Multiplexing	•	•	•	•	•	•	•	•
I/O for SEL Relays/SEL-3530/SEL-2100	•	•	•	A	A			
I/O for Information Processors	•	•	•			A	A	
Transfer I/O to SEL-2505/2506	•	•	•	•	•			
Transfer I/O to SEL-2594/2595	•	•	•	•	•			•
Teleprotection	•	•	•	•	•			•
Automatic Local Control Logic	•	•	•					
Improve Safety With Optical Fiber	+	+	+	•	•	•	•	•
NUMBER OF INPUT/OUTPUT CHANNELS								
Digital Inputs (DI) Base	0	2	32	8	8	8	8	8
DI Maximum	1,286	34	48	8	8	8	8	8
Digital Outputs (DO) Base	1	3	16	8	8	8	8	8
DO Maximum	864	35	32	8	8	8	8	8
DC Analog Inputs (AI) Maximum	256	32						
DC Analog Outputs (AO) Maximum	128	4						
AC Current Inputs/CT Maximum	64	7						
AC Voltages/VT Maximum	64	3						
DC Analog RTD Inputs Maximum		10						
DC Analog Thermocouple Inputs Maximum		10						
SERIAL COMMUNICATIONS PROTOCOLS								
SEL MIRRORING BITS®	•	•	•	•	•			
SEL Fast Messages	•	•	•			•	•	
Modbus® RTU	•	•	•					
IEEE C37.94								•
DNP3	•	+	•					
IEC 60870-5-101 Server	•							
IEC 60870-5-101 Client	+							
IEEE C37.118 Client	•							
SES-92 Server	•							
LG 8979	•							
CP 2179 Client	•							
ETHERNET COMMUNICATIONS PROTOCOLS								
Modbus TCP	•	+	•					
DNP3 LAN/WAN	•	+	•					
Telnet	•	+	•					
FTP	•	+	•					
IEC 61850 MMS Server	+	+	+					
IEC 61850 MMS Client	+							
IEC 61850 GOOSE	+	+	+					
EtherCAT®	•							
IEC 60870-5-104 Server	•							
IEC 60870-5-104 Client	+							
Lightweight Directory Access Protocol (LDAP)	•							
IEEE C37.118 Client/Server	•							
Syslog	•							
SNMP Lite	+							

• Standard Feature + Model Option

A With compatible SEL fiber-optic transceiver or interface option at relay or processor

