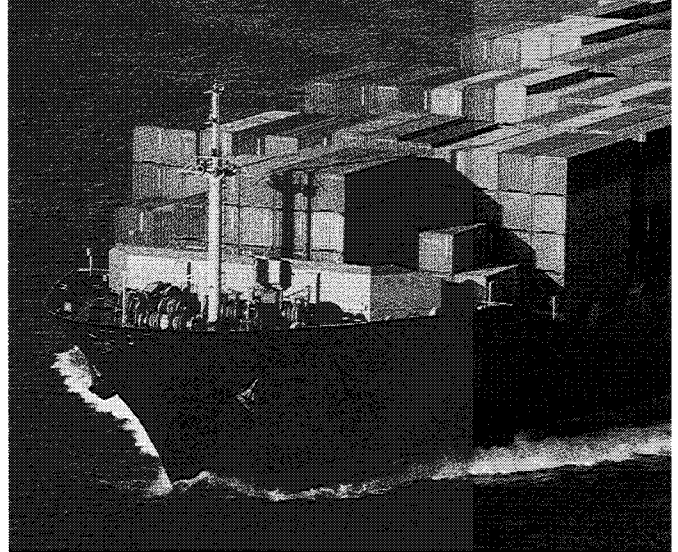
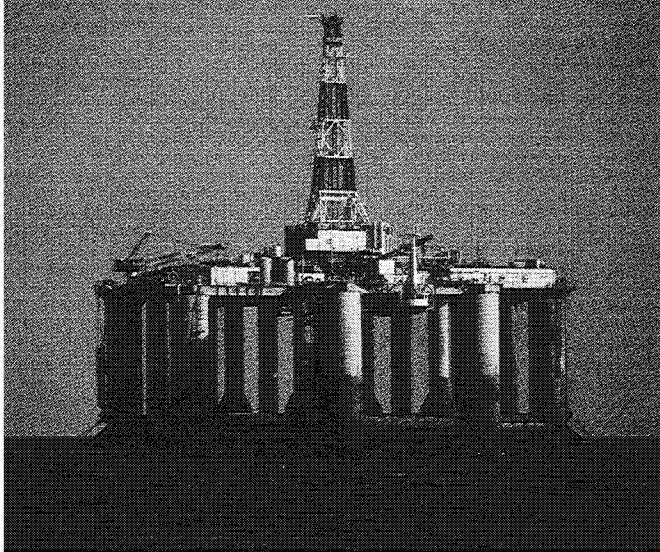




Marine Certification for SLC 500 Modular Products

Product Profile



Product and Environmental Suitability

SLC 500 modular processors and I/O products are now certified for use in marine and offshore applications around the world. Certification offers a demonstration of worthiness of these products in terms of product and environmental suitability. Marine certification also saves time for OEMs and end users because testing at the component level has been accomplished. SLC 500 modular products have been certified by the following agencies:

- Lloyd's Register
- Det Norske Veritas
- Germanischer Lloyd
- Korean Registry
- American Bureau of Shipping
- Bureau Veritas
- Registro Italian Navale

Flexible Architecture

Control systems with built-in alarms, message displays and diagnostics are necessary in order to realize the full potential of an automated unmanned control room. SLC 500 modular products provide the quality and flexibility needed to provide the increased functionality demanded by today's sophisticated marine applications. This flexible architecture allows users to design integrated control systems that provide application-specific process control.

Applications

Certified Allen-Bradley SLC 500 modular products are especially appealing for applications on both passenger and cargo vessels, as well as workboats, offshore rigs and platforms that include the control of compressors, generators, incinerators, pumps and boilers.

Marine Certified SLC 500 Components

Catalog Number	Description
Processors	
1747-L514	SLC 5/01 Processor, 4K User Memory
1747-L524	SLC 5/02 Processor, 4K User Memory
1747-L532	SLC 5/03 Processor, 16K User Memory
1747-L541	SLC 5/04 Processor, 16K User Memory
1747-L542	SLC 5/04 Processor, 32K User Memory
1747-L543	SLC 5/04 Processor, 64K User Memory
Power Supplies	
1746-P1	Power Supply, Rack Mount, 110/240V ac Input, 2 A Output
1746-P2	Power Supply, Rack Mount, 110/240V ac Input, 5 A Output
1746-P3	Power Supply, Rack Mount, 24V dc Input, 3.6 A Output
1746-P4	Power Supply, Rack Mount, 110/240 V ac Input, 10 A Output
Discrete I/O Modules	
1746-IA16	100–120V ac Input Module, 16 Inputs
1746-IB16	24V dc (Sink) Input Module, 16 Inputs
1746-IB32	24V dc (Sink) Input Module, 32 Inputs
1746-ITB16	24V dc (Sink) Fast Input Module, 16 Inputs
1746-ITV16	24V dc (Source) Fast Input Module, 16 Inputs
1746-IV16	24V dc (Source) Input Module, 16 Inputs
1746-IV32	24V dc (Source) Input Module, 32 Inputs
1746-OA8	120–240V ac Output Module, 8 Triac
1746-OA16	120–240V ac Output Module, 16 Triac
1746-OAP12	85–265V ac High Current Output Module, 12 Triac
1746-OB16	10–50V dc (Source) Output Module, 16 Transistor
1746-OB32	10–50V dc (Source) Output Module, 32 Transistor
1746-OBP16	24V dc (Source) Enhanced Output Module, 16 Transistor
1746-OV16	10–50V dc (Sink) Output Module, 16 Transistor
1746-OV32	10–50V dc (Sink) Output Module, 32 Transistor
1746-OW16	10–250V ac, 10–125 V dc Relay Module, 16 Outputs
1746-OX8	Isolated Relay Output Module, 8 Outputs
Analog I/O Modules	
1746-FIO4I	Fast Analog module, 2 Input – 2 Outputs, Current Output
1746-FIO4V	Fast Analog module, 2 Input – 2 Outputs, Current Output
1746-NI4	Analog Input Module, Selectable Current Or Voltage, 4 Inputs
1746-NIO4I	Analog Module, 2 Inputs – 2 Outputs, Current Output
1746-NIO4V	Analog Module, 2 Inputs – 2 Outputs, Voltage Output
1746-NO4I	Analog Output Module, 4 Current Outputs
1746-NO4V	Analog Output Module, 4 Voltage Outputs
1746-NR4	RTD/Resistance Input Module, 4 Inputs
1746-NT4	Thermocouple/MV Input Module, 4 Inputs

Catalog Number	Description
Specialty I/O Modules	
1746-BAS	Basic Module
1746-BASMBUS	Modbus Interface for 1746 I/O
1746-HSCE	High Speed Counter/Encoder Input Module
Communication Devices	
1747-AIC	Isolated Link Coupler (Includes 1747-C11 Cable)
1747-ASB	Remote I/O Adapter Module
1747-KE	RS-232 Communication Interface
1747-PIC	RS-232/RS-485 Converter (Includes 1746-C10 Cable)
1747-SDN	DeviceNet Scanner Module
1747-SN	Remote I/O Scanner Module
Racks and Cables	
1746-A4	4-Slot Rack For Modular Hardware
1746-A7	7-Slot Rack For Modular Hardware
1746-A10	10-Slot Rack For Modular Hardware
1746-A13	13-Slot Rack For Modular Hardware
1746-C7	Rack Interconnect Cable (6 Inch, 0.15 m)
1746-C9	Rack Interconnect Cable (36 Inch, 0.91 m)
1747-C10	Processor-To-Peripheral Cable
1747-C11	Processor-To-Isolated Link Coupler Cable
1747-CP3	RS-232 Programming Cable for SLC 5/03, 5/04
Accessories	
1747-M2	EEPROM Memory, 4K
1747-M4	UV PROM Memory, 4K
1747-M11	Flash EPROM, 32K
1747-M12	Flash EPROM, 64K
1746-N2	Empty Slot Filler

Allen-Bradley Parts



Allen-Bradley, a Rockwell Automation Business, has been helping its customers improve productivity and quality for more than 90 years. We design, manufacture and support a broad range of automation products worldwide. They include logic processors, power and motion control devices, operator interfaces, sensors and a variety of software. Rockwell is one of the world's leading technology companies.



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