



Representative Photo Only
(actual product may vary based on configuration selections)

GuardLogix 557xS Safety Partner Processor For 1756-L7xS Processors

- Provides safety and integrated motion in the same chassis
- Offer TUV certification for SIL 3 functional safety (controller and safety partner required)
- Simplifies machine architecture and reduce system footprint with the Armor GuardLogix® controller
- Can operate in environments with -25 to 70°C (-13 to 158°F) when used independently
- Can operate in environments with -20 to 70°C (-4 to 158°F) when used with FLEX™ I/O-XT modules

SPECIFICATIONS

Product Series	ControlLogix (Bul. 1756 / 1757)
Component Type PLC & I/O	Controller
Communications Protocols	ControlNet DeviceNet EtherNet/IP EtherNet/OCPP
Maximum Digital I/O	128000
Maximum Analogue I/O	4000
Safety Controller	Yes
Software, Configuration	RSLogix5000 / Studio 5000 (Logix Designer)
Operating Temperature, Max	60 °C max
Operating Temperature, Min	0 °C min
Storage Temperature, Max	85 °C max
Storage Temperature, Min	-40 °C min
Relative Humidity, Max	95 %RH
Vibration Acceleration (Max.)	2 m/s ²
Vibration Frequency, Operational (Max.)	500 Hz
Standards Compliance	IEC 60068-2-1 IEC 60068-2-14 IEC 60068-2-2 IEC 60068-2-27 IEC 60068-2-30 IEC 60068-2-6 IEC 61000-4-2 IEC 61000-4-3 IEC 61000-6-4
Certifications	C-Tick CE KC (KCC)

Catalogue No: **1756-L7SP**

GUARDLOGIX 557xS SAFETY PARTNER PROCESSOR

Automation Systems > Modular Programmable Controllers > Large PLC Systems > Allen-Bradley ControlLogix® > ControlLogix® and GuardLogix® Controllers > GuardLogix® L7x Safety Controllers



REFERENCES

IECEX Certificate -

Supplier Declaration of
Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue
& Product Selection: -