



GuardLogix 5580, Safety Partner Controller

- Support removal and insertion under power (RIUP)
- Support Integrated Motion on EtherNet/IP™
- Let you program using relay ladder logic, structured text, function block, and SFC languages
- Offer flexible user memory options
- Safety and Standard Controllers communicates via EtherNet/IP, ControlNet, DeviceNet networks

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

SPECIFICATIONS	
Product Series	ControlLogix (Bul. 1756 / 1757)
Component Type PLC & I/O	Controller
Memory, Controller	20 MB memory
Memory, Safety	6 MB memory
Communications Protocols	ControlNet DeviceNet EtherNet/IP EtherNet/OCPP
Number of EtherNet/IP nodes, max	250 nodes, max
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
Humidity Type	Non-condensing
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

Catalogue No: **1756-L8SP**

GUARDLOGIX 5580 SAFETY PARTNER CONTROLLER

Automation Systems > Modular Programmable Controllers > Large PLC Systems > Allen-Bradley ControlLogix® > ControlLogix® and GuardLogix® Controllers > GuardLogix® L8x Safety Controllers



Certifications	C-Tick CE KC (KCC)
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REFERENCES

IECEX Certificate -

Supplier Declaration of
Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue
& Product Selection: -