

Armor ControlLogix 5570 and Armor GuardLogix 5570 Controllers



ControlLogix® On-Machine™ controllers
in standard and safety versions

Benefits

The On-Machine design philosophy places the industrial control closer to the application or right onto the machine.

As part of an On-Machine system, Armor™ ControlLogix® and Armor™ GuardLogix®:

- Minimize the hardware in the control cabinet allowing for reduced panel size
- Reduce installation time by moving away from long cable runs with the potential for wiring errors to simplified wiring layouts with quick-connect cabling
- Improve Mean Time to Repair (MTTR) as well as reduce labor, downtime and maintenance costs with simplified troubleshooting
- Provide readily available diagnostics/ system status without having to open the control cabinet or visit the control room

Delivering standard and safety On-Machine control that increases uptime and reduces cost



Rockwell Automation® extends the breadth of the On-Machine controller offering with all of its benefits to additional, scalable controller catalog number options.

On-Machine standard and safety controllers support the same temperature range of ControlLogix, while offering global certifications and ratings and Ingress Protection (IP67) for dust and water for immersion between 15 cm and 1 m in harsher environments.

With dual independent Ethernet ports, these controllers support network flexibility. In addition, Device Level Ring (DLR) network topologies are supported providing resiliency from a single point of failure on the network, as well as fast recovery time if a single fault occurs on the network. They provide memory capacity for the most demanding applications as well as Integrated Motion over EtherNet/IP.

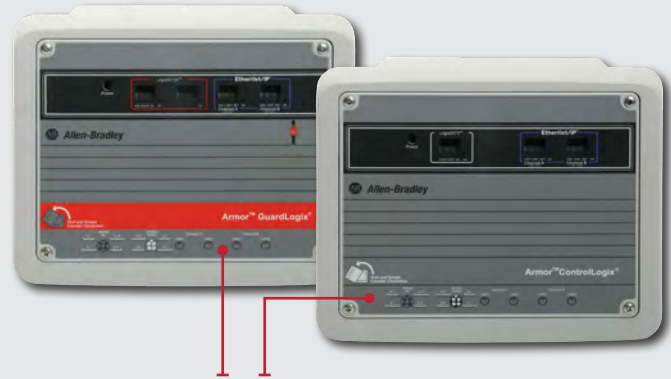
The Armor GuardLogix controller delivers safety control up to SIL 3, PLe, CAT 4.

LISTEN.
THINK.
SOLVE.®

Features

The On-Machine controllers include:

- Supports up to 100 axes of Integrated Motion over EtherNet/IP
- Overlay improvements that assist with wiring
- Embedded 24V DC power with pass-through to power other On-Machine products
- Captive screws and the rotating hinge design allows easy access to:
 - Controller mode switch
 - USB port
 - Secure Digital (SD) card port
 - Power supply switch
- Flexible mounting brackets
- Common control platform that uses the same automation, engineering and development environment as all Logix controllers, Studio 5000®
- New lensing improves status indicator and display readability
- Up to 8 MB of memory
- Marine certifications and cULus/ CE, RCM, KC and TÜV functional safety certification



matching panel at the bottom of each controller



Catalog Number	Controller Type	Standard Memory	Safety Memory
1756-L72EROM	Standard	4 MB	-
1756-L72EROMS	Safety	4 MB	2 MB
1756-L73EROM	Standard	8 MB	-
1756-L73EROMS	Safety	8 MB	4 MB

For current product certifications, see our [Product Certifications page](#).

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