

Compact 5000 I/O System

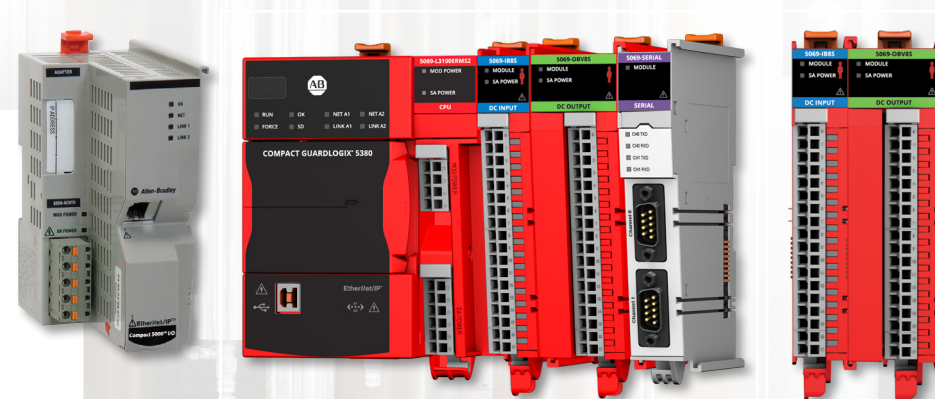
Creating a more efficient, nimble and productive business

The Compact 5000™ I/O system offers a wide variety of standard and safety modules with dual gigabit (Gb) embedded Ethernet ports for Device Level Ring (DLR) and Linear topologies. This flexibility allows more customization for applications demanding high performance and speed. The system expands performance capabilities within the Logix platform in a compact design, and functions as local I/O modules in a CompactLogix™ 5380, Compact GuardLogix® 5380, or CompactLogix 5480 system.

Through the Compact 5000 EtherNet/IP™ adapter, it is the ideal distributed I/O solution for CompactLogix 5380, Compact GuardLogix 5380, CompactLogix 5480, ControlLogix® 5580, and GuardLogix 5580 controllers.

Smart

- Embedded switch technology supports DLR and Linear topologies
- Status display provides information without software connection



Safety

- Single channel SIL 3/PLe rated
- Faster safety response reaction time
- Enhanced diagnostics information

Productive

- Faster transfer rates with high-speed backplane
- Easy configuration with integrated USB port
- Solve multiple applications with support up to 31 local I/O modules

Secure

- Reduce power termination to I/O modules with integrated power supply
- Easy access to SD card and reset button and added layer of protection with access door
- Increased security with digitally signed module firmware



Compact 5000 I/O System

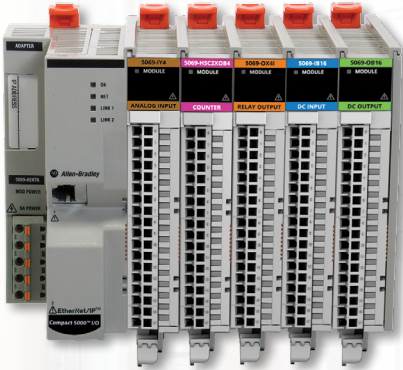
Catalog number*	Description
5069-AENTR	Dual-port EtherNet/IP adapter
5069-AENTRK	Dual-port EtherNet/IP adapter, conformal coated
5069-AEN2TR	Dual-port EtherNet/IP adapter with display diagnostics, integrated USB port, and SD card
5069-IA16	79...264V AC 16-point, input module
5069-IB16	10...32V DC 16-point, sinking input module
5069-IB16K	10...32V DC 16-point, conformal coated sinking input module
5069-IB16F	10...32V DC 16-point, sinking fast input module
5069-IB6F-3W	10...32V DC 6-point, 3-wire, sinking fast input module
5069-OA16	85...264V AC 16-point, output module
5069-OB8	10...32V DC 8-point, sourcing high-current output module
5069-OB16	10...32V DC 8-point, sourcing high-current output module
5069-OB16K	10...32V DC 16-point, conformal coated sourcing output module
5069-OB16F	10...32V DC 16-point, sourcing fast output module
5069-OW4I	5...264V AC /125V DC 4-point, isolated normally open relay output module
5069-OW16	5...264V AC/125V DC 16-point, normally open relay output module
5069-OX4I	5...264V AC /125V DC 4-point, isolated normally open/ normally closed relay output module

*Safety I/O adheres to functional safety standards IEC 61508, EN ISO 13849-1 and IEC 62061. See [Technical Data, 5069-TD001](#) for additional information.

Catalog number*	Description
5069-IF8	8-channel current/voltage input module
5069-IY4	4-channel current/voltage/RTD/Thermocouple input module
5069-IY4K	4-channel conformal coated current/voltage/RTD/ Thermocouple input module
5069-OF4	4-channel current/voltage output module
5069-OF4K	4-channel conformal coated current/voltage output module
5069-OF8	8-channel current/voltage output module
5069-IB8S	18...32V DC 8-point, safety sinking input module
5069-IB8SK	18...32V DC 8-point, conformal coated safety sinking input module
5069-OBV8S	18...32V DC 8-point, safety output module that can be used as a Bipolar output module or sourcing output module
5069-OBV8SK	18...32V DC 8-point, conformal coated safety output module that can be used as a Bipolar output module or sourcing output module
5069-HSC2xOB4	High-speed counter module
5069-SERIAL	Serial module
5069-FPD	Field potential distributor
5069-ARM	Address reserve module

Environmental Specifications

Temperature	Operating: 0 °C < Ta < +60 °C (+32 °F < Ta < +140 °F) Storage: -40...+85 °C (-40...+185 °F)
Relative humidity	5-95% noncondensing
Vibration	5 g at 10...500 Hz
Shock	Operating: 30 g Nonoperating: 50 g
Certifications	c-UL-us, CE, C-Tick, ATEX, IECEx, KC, UL, EtherNet/IP For more details and a full list of product certifications, visit rok.auto/productcertifications



Visit **Compact 5000™ I/O System**

Connect with us.    

rockwellautomation.com

expanding **human possibility™**

AMERICAS: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
EUROPE/MIDDLE EAST/AFRICA: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
ASIA PACIFIC: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Allen-Bradley, Compact 5000, CompactLogix, ControlLogix, expanding human possibility, FactoryTalk, GuardLogix, Integrated Architecture and Rockwell Automation are trademarks of Rockwell Automation, Inc. Trademarks not belonging to Rockwell Automation are property of their respective companies. EtherNet/IP is a trademark of ODVA.