CompactLogix 5480 Capacity

- Enables high-speed I/O and Integrated Motion on EtherNet/IP up to 150 axes
- Supports up to 31 local 5069 Compact I/O modules
- Support for up to 250 EtherNet/IP nodes
- Windows 10 (commercial operating system on controller) with 6 Gb RAM and 64 Gb SSD

CompactLogix 5480 Configuration

- Provides a Logix based real-time controller that runs an instance of Windows 10 IoT Enterprise
- Common design environment, Studio 5000® Logix Designer
- Enhanced security features- Embedded Logix security with FactoryTalk® Security user authentication and authorization
- For more information, refer to KnowledgeBase AID 1074425

CompactLogix 5480 Performance

- 3 1-Gb embedded EtherNet/IP ports supporting both linear and Device Level Ring topologies up to 250 nodes
- Dedicated interfaces for Windows 10 IoT (Internet of Things) Enterprise LTSB
- Includes two USB 3.0 ports for OS peripheral and expanded data storage capability

Stratix Switch Family

- Scale your switch selection to your application with switches with 1 Gb port capability: Stratix 8300, 8000, 5700 and 5400 switches
- When connecting machines to a high level plant network, consider IT networking best practices.

PowerFlex 527 Capacity

- 0.5 to 30 HP, 0.4 to 22KW
- 100 to 600V single or 3-phase
- 24VDC digital I/O and Analog I/O
- Embedded EtherNet/IP (Linear/Ring with Dual Port Option) 690V: 7.5...1500 kW / 12...1485 A

PowerFlex 527 Configuration

- Studio 5000 Logix Designer common integrated motion programming, configuration, commissioning and drive diagnostic & maintenance tools
- Embedded Safe Torque Off (SIL3 PLe), Integrated Safe Torque Off (SIL3/PLe/ Cat 3) hardwired and networked

PowerFlex 527 Performance

- Ideal complement to machines already using Kinetix servo drives
- Designed for the in/out feed conveyors and fan and pump applications requiring induction motor control

Stratix 5400

Windows10 IoT Enterprise

Refer to page 2 for more Information

Plant Network

CompactLogix 5480 Controller

1 Gb

1 Gb

100 Mb

100 Mb

5069 Compact I/O

5069 Compact I/O

5069 Compact I/O

Stratix 5400

PowerFlex 527

PowerFlex 527

E300 Electronic Overload Relay

Point I/O

Kinetix 5700

Kinetix 5700

Kinetix 5700

PanelView Plus 7 Capacity

- 512 MB Memory, Single controller connection
- Up to 25 displays
- Up to 200 alarm messages
- SD storage card slot for data storage, data logging, recipe management and terminal replication
- USB ports for printer, RFID reader and web camera support
- Windows CE 6.0 standard features, including email and text notification and secure FTP server, PDF Viewer

PanelView™ Plus 7 Terminal

PanelView Plus 7 Configuration

- Complementary to CompactLogix 5370 controllers
- Faceplates and AOIs
- Single Development Environment

PanelView Plus 7 Performance

- ARM – 1.0 GHz
- Form factor includes sizes from 4" to 15" with wide screen options
- ATEX Zone 2/22 and UL Class 1, Div 2 certification for use in hazardous environments

5069 Compact I/O Capacity

- Supports 1-Gb embedded switch technology for Device Level Ring, Linear and Star topologies
- 31 I/O Modules in a single rack

5069 Compact I/O Configuration

- Integrated USB for ease of configuration
- Supports Module Discovery and Add I/O Online

5069 Compact I/O Performance

- High speed backplane of packet transfer rate of 4.4ms (511 byte packet)

E300 Electronic Overload Relay

- Includes intelligent motor control (EtherNet/IP, DeviceNet, and non-networked options available)
- Simplified wiring and easy integration into Logix

Point I/O Distributed Module Capacity

- Easy Retrofit Add to existing panels using POINT I/O
- The maximum is 63 POINT I/O modules per adapter
- 1734-AENTR EtherNet/IP adapter utilizes embedded switch technology to support linear or ring topologies

Kinetix 5700 Capacity

- Single or Dual Axis Modules
- 325-528VAC
- 1.6-60kW
- Embedded 2 Port EtherNet/IP supports Linear/Ring topologies

Kinetix 5700 Configuration

- Full integrated motion support for Kinetix 350, Kinetix 5500, Kinetix 5700, Kinetix 6500 and PowerFlex 755 using EtherNet/IP
- Studio 5000 Logix Designer common integrated motion programming, configuration, commissioning and drive diagnostic and maintenance tools.
- Network or Hardware Safety - Safe Torque Off - SIL3 /PLe/ Cat 3

Kinetix 5700 Performance

- High speed registration input on Kinetix drive can trigger a motion task in Studio 5000 Logix Designer for faster event task performance

Note: Performance is what we tested, not the max capacity

Rockwell Automation

CompactLogix 5480 with Enterprise-level and Device-level Networks

Publication IASIMP-QR027A-EN-P – October 2019

CompactLogix 5480 Overview	5069-L430ERMW	5069-L450ERMW	5069-L4100ERMW	5069-L4200ERMW (formerly 5069-L46ERMW)
Logix Memory	3MB	5MB	10MB	20MB
Node Count	60	120	180	250+
I/O Expansion	31	31	31	31
Motion Physical Axis	16	24	32	150

Bill of Material

Qty	Catalog #	Description
System: Controller Hardware		
1	5069-L4200ERMW	CompactLogix 5480 Processor with Windows 10 Computer, 6Gb Ram, 64 Gb SSD, Intel I7 2.4 Ghz Quad
1	5069-IB16	16 Point 24VDC Input Module
1	5069-OB16	16 Point 24VDC Output Module
System: Communication Hardware		
1	1783-HMS8T4CGN	STRATIX 5400 Switch 8FE, 4GE Ports
Motion Hardware		
3	2198-P031	KINETIX 5700 DC Bus Supply 10A
6	2198-D006-ERS3	KINETIX 5700 Axis Module 2x2.5A
6	VPL-A1002A-CJ12AS	KINETIX VP Low Inertia Motor, IEC 100mm Frame Size, 1500 RPM Rated Speed
Single-Cable Technology - One cable between VPL Motor and Kinetix 5700 drive yields simplification and reduces costs. One cable for feedback, motor brake, and motor power		
3	2090-CSBM1DE-14AA01	Single Cable For Kinetix 5700, 1 Meter
Note: Catalog numbers consist of characters, each of which identifies a specific version or option for that component. Reference publication GMC-SG001-EN-E Kinetix Motion Control Selection Guide for additional information		
HMI Hardware		
1	2711P-T10C21D8S	Panelview Plus 7 Standard Terminal, Touch Screen, 10.4 Inches, Tft Color, Single Ethernet, 24V DC, Windows CE Os License, Standard Model

Qty	Catalog #	Description
Drive Hardware		
2	25C-D2P3N104	PowerFlex 527 Drive, 1 HP Frame A
2	25C-D2P3N114	PowerFlex 527 Drive with Embedded Dual Port Ethernet/IP and Integrated Safety, 1 HP Frame A
Note: PowerFlex drives come in many variations. Before ordering, you will need to identify voltage rating, horsepower, enclosure type. Refer to the PowerFlex Selection Guide (PFLEX-SG002-EN-P) for additional details on selecting the right drive for your application.		
Distributed I/O Hardware - Compact 5000 I/O		
3	5069-AEN2TR	Ethernet/IP Adapter
3	5069-IB16	16 Point 24VDC Input Module
3	5069-OB16	16 Point 24VDC Output Module
Distributed I/O Hardware - POINT I/O		
1	1734-AENTR	1734 Dual Port Ethernet/IP Adapter
1	1734-IB8	24VDC 8 Point Input Module
1	1734-OB8	24VDC 8 Point Sourcing Output Module
4	1734-TB	Module Base W/Removable IEC Screw Terminals
1	1794-PS13	85-264VAC to 24VDC 1.3A Power Supply
E300 Electronic Overload Relay		
1	193-ECM-ETR	E300 Overload Relays (193/592 IEC/NEMA), EtherNet/IP Communication Module
Recommended Software		
1	9324-RLD300yyE	Studio 5000 Logix Designer Standard Edition

About this Configuration

5069 CompactLogix™ 5480 controllers are real-time controllers with Windows 10 IoT Enterprise running in parallel to the Logix control engine. CompactLogix 5480 uses the same re-architected control engine deployed in the ControlLogix® 5580 and CompactLogix 5380 controllers. This line of Logix controllers supports embedded Windows applications, such as analytics, data gathering, and predictive computations. The ability to collect data and make decisions at the machine level helps to support the Connected Enterprise and benefits both end users and OEMs.

About the Products

Logix Controllers

- A common set of controls, networks, and programming software available in multiple hardware platforms
- Multiple control disciplines in a single controller - sequential / motion / drives / process
- Multiple Program Languages available in all controllers - Ladder Diagram, Function Block, Structured Text, and Sequential Function Chart
- Tag-based architecture instead of addresses native in the controller
- Increased performance provides faster scan time execution and motion loop updates

Compact 5000 I/O

- A new generation of Compact I/O
- High performance control in a compact design
- Scan time improvements as much as 10x
- Mixture of standard and safety I/O available

PanelView Plus 7

- Includes sizes from 4...15 with wide screen options
- Uses Windows CE 6.0 standard features
- Offers Ethernet communications for integration from the machine to the enterprise
- Includes increased memory of 512 MB flash memory/512 MB RAM which provides greater flexibility in applications
- Monitors applications from a remote location with VNC connectivity

PowerFlex Drives

- Serves applications ranging from 0.2 kW (0.25 hp) to 6,770 kW (9,000 hp)
- Common set of networks, operator interface and programming for all PowerFlex drives
- Communication Options – Ethernet/IP, ControlNet, Devicenet, DH Plus, RIO, 3rd party networks
- Hundreds of pieces of status and diagnostic information are shared with Logix controllers directly

Kinetix Servos

- Scalable solution for applications from 100W to 112KW
- Integrated platform to simplify machine design and commissioning
- Smart Motor Technology to provide automatic identification of correct motor-to-drive connectivity

POINT Guard I/O

- Fits into the standard POINT I/O™ system
- Communicates by using the CIP™ Safety protocol over EtherNet/IP™ for GuardLogix™ controllers
- For EtherNet/IP connectivity, use a POINT I/O EtherNet/IP adapter (1734-AENT, 1734-AENTR)
- 1734 POINT Guard I/O™ system, Supports 24V DC I/O circuits and Includes analog input circuits

E300 Electronic Overload Relay™

- Offers Intelligent motor control (EtherNet/IP, DeviceNet, and non-networked options available)
- Offers modular solution with wide current range & adjustable trip class
- Provides enhanced diagnostic information for single & three phase applications
- Includes integrated I/O (additional expansion I/O available)

Stratix Switches and Network Infrastructure

- Stratix 5400, 5700, 8000 and 8300 Managed switches offer Loop Prevention, Security Services, Diagnostic Information, Segmentation Services (VLANs), Prioritization Services (QoS), and Multicast Management Services
- Stratix 2000 Unmanaged Switches offer no layer 2 or layer 3 management functionality, but offer lower cost
- Consider Network Address Translation (NAT), available with the 9300-ENA NAT device and the Stratix 5400/5700 with NAT option, depending on your application requirements

For More Information and Help

For more information contact your local distributor or Rockwell Automation sales representative.
www.ab.com (Product Directory, Publication Library, Technical Support)

Rockwell Automation

CompactLogix 5480 Capacity

- Enables high-speed I/O and Integrated Motion on EtherNet/IP up to 150 axes
- Supports up to 31 local 5069 Compact I/O modules
- Support for up to 250 EtherNet/IP nodes
- Windows 10 (commercial operating system on controller) with 6 Gb RAM and 64 Gb SSD

CompactLogix 5480 Configuration

- Provides a Logix based real-time controller that runs an instance of Windows 10 IoT Enterprise
- Common design environment, Studio 5000® Logix Designer
- Enhanced security features- Embedded Logix security with FactoryTalk® Security user authentication and authorization
- For more information, refer to KnowledgeBase AID 1074425

CompactLogix 5480 Performance

- 3 1-Gb embedded EtherNet/IP ports supporting both linear or Device Level Ring topologies up to 250 nodes
- Dedicated interfaces for Windows 10 IoT (Internet of Things) Enterprise LTSB
- Includes two USB 3.0 ports for OS peripheral and expanded data storage capability

Stratix Switch Family

- Scale your switch selection to your application with switches with 1 Gb port capability: Stratix 8300, 8000, 5700 and 5400 switches
- When connecting machines to a high level plant network, consider IT networking best practices

PowerFlex 527 Capacity

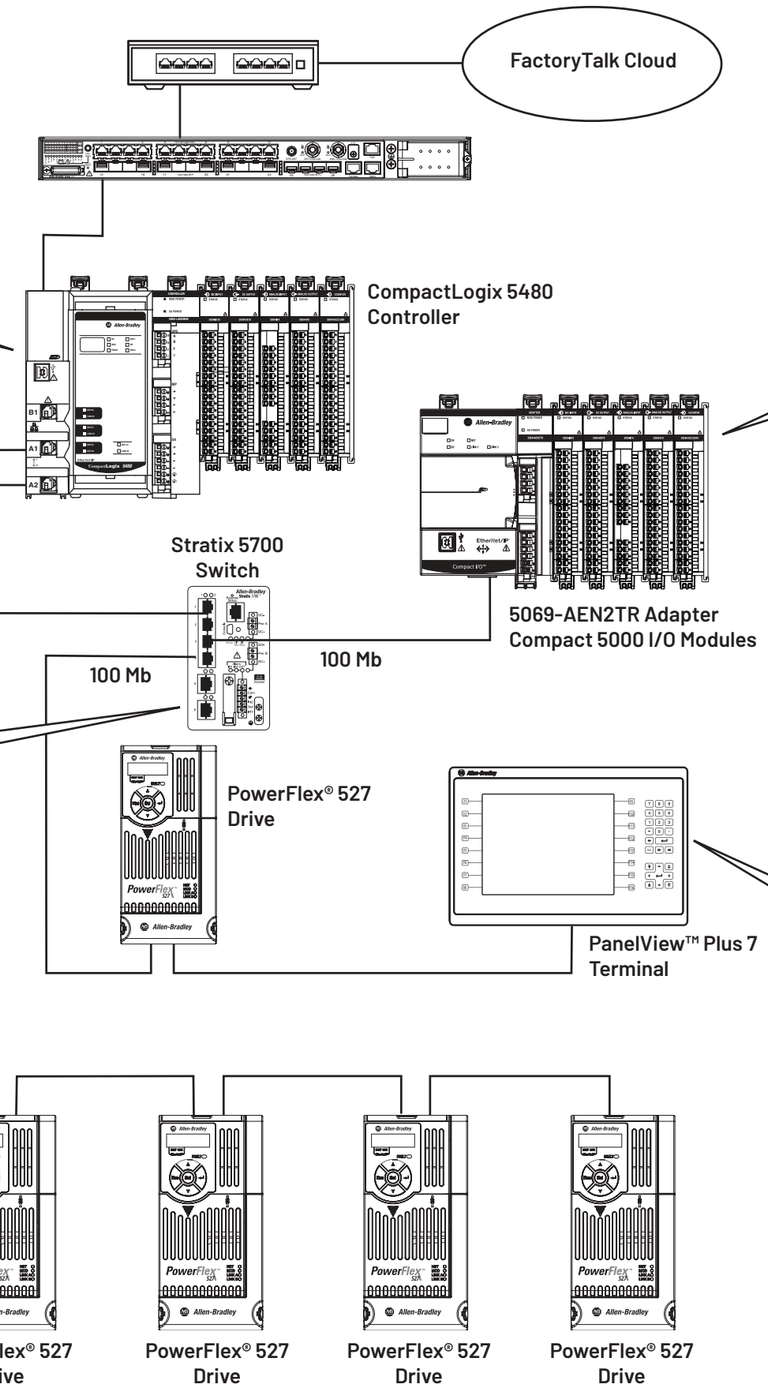
- 0.5 to 30 HP, 0.4 to 22KW
- 100 to 600V single or 3-phase
- 24VDC digital I/O and Analog I/O
- Embedded EtherNet/IP (Linear/Ring with Dual Port Option) 690V: 7.5...1500 kW / 12...1485 A

PowerFlex 527 Configuration

- Studio 5000 Logix Designer common integrated motion programming, configuration, commissioning and drive diagnostic & maintenance tools
- Embedded Safe Torque Off (SIL3 PLe), Integrated Safe Torque Off (SIL3/PLe/ Cat 3) hardwired and networked

PowerFlex 527 Performance

- Ideal complement to machines already using Kinetix servo drives
- Designed for the in/out feed conveyors and fan and pump applications requiring induction motor control



5069 Compact I/O Capacity

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- 31 I/O Modules in a single rack

5069 Compact I/O Configuration

- Integrated USB for ease of configuration
- Supports Module Discovery and Add I/O Online

5069 Compact I/O Performance

- High speed backplane of packet transfer rate of 4.4ms (511 byte packet)

PanelView Plus 7 Capacity

- 512 MB Memory, Single controller connection
- Up to 25 displays
- Up to 200 alarm messages
- SD storage card slot for data storage, data logging, recipe management and terminal replication
- USB ports for printer, RFID reader and web camera support
- Windows CE 6.0 standard features, including email and text notification and secure FTP server, PDF Viewer

PanelView Plus 7 Configuration

- Complementary to CompactLogix 5370 controllers
- Faceplates and AOIs
- Single Development Environment

PanelView Plus 7 Performance

- ARM – 1.0 GHz
- Form factor includes sizes from 4" to 15" with wide screen options
- ATEX Zone 2/22 and UL Class 1, Div 2 certification for use in hazardous environments

Note: Performance is what we tested, not the max capacity

Rockwell Automation

CompactLogix 5480 with Dual IP Network

Publication IASIMP-QR027A-EN-P – October 2019

CompactLogix 5480 Overview	5069-L430ERMW	5069-L450ERMW	5069-L4100ERMW	5069-L4200ERMW (formerly 5069-L46ERMW)
Logix Memory	3MB	5MB	10MB	20MB
Node Count	60	120	180	250+
I/O Expansion	31	31	31	31
Motion Physical Axis	16	24	32	150

Bill of Material

Qty	Catalog #	Description
System: Controller Hardware		
1	5069-L4200ERMW	CompactLogix 5480 Processor with Windows 10 Computer, 6Gb Ram, 64 Gb SSD, Intel I7 2.4 Ghz Quad
1	5069-IB16	16 Point 24VDC Input Module
1	5069-OB16	16 Point 24VDC Output Module
System: Communication Hardware		
1	1783-BMS06TL	Stratix 5700 Managed Switch - 6 Fast Ethernet Copper Ports

Qty	Catalog #	Description
Drive Hardware		
2	25C-D2P3N104	PowerFlex 527 Drive, 1 HP Frame A
2	25C-D2P3N114	PowerFlex 527 Drive with Embedded Dual Port Ethernet/IP and Integrated Safety, 1 HP Frame A
Note: PowerFlex drives come in many variations - before ordering, you will need to identify voltage rating, horsepower, enclosure type. Refer to the PowerFlex Selection Guide (PFLEX-SG002-EN-P) for additional details on selecting the right drive for your application		
Distributed I/O Hardware - Compact 5000 I/O		
3	5069-AEN2TR	Ethernet/IP Adapter
3	5069-IB16	16 Point 24VDC Input Module
3	5069-OB16	16 Point 24VDC Output Module
HMI Hardware		
1	2711P-T10C21D8S	Panelview Plus 7 Standard Terminal, Touch Screen, 10.4 Inches, Tft Color, Single Ethernet, 24V DC, Windows CE Os License, Standard Model
Recommended Software		
1	9324-RLD600ENE	Studio 5000 Logix Designer Full Edition

About this Configuration

5069 CompactLogix™ 5480 controllers are real-time controllers with Windows 10 IoT Enterprise running in parallel to the Logix control engine. CompactLogix 5480 uses the same re-architected control engine deployed in the ControlLogix® 5580 and CompactLogix 5380 controllers. This line of Logix controllers supports embedded Windows applications, such as analytics, data gathering, and predictive computations. The ability to collect data and make decisions at the machine level helps to support the Connected Enterprise and benefits both end users and OEMs.

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- Tag-based architecture instead of addresses native in the controller
- Increased performance provides faster scan time execution and motion loop updates

Compact 5000 I/O

- A new generation of Compact I/O
- High performance control in a compact design
- Scan time improvements as much as 10x
- Mixture of standard and safety I/O available

PanelView Plus 7

- Includes sizes from 4...15 with wide screen options
- Uses Windows CE 6.0 standard features
- Offers Ethernet communications for integration from the machine to the enterprise
- Includes increased memory of 512 MB flash memory/512 MB RAM which provides greater flexibility in applications
- Monitors applications from a remote location with VNC connectivity

PowerFlex Drives

- Serves applications ranging from 0.2 kW (0.25 hp) to 6,770 kW (9,000 hp)
- Common set of networks, operator interface and programming for all PowerFlex drives
- Communication Options – Ethernet/IP, ControlNet, Devicenet, DH Plus, RIO, 3rd party networks
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Stratix Switches and Network Infrastructure

- Stratix 5400, 5700, 8000 and 8300 Managed switches offer Loop Prevention, Security Services, Diagnostic Information, Segmentation Services (VLANs), Prioritization Services (QoS), and Multicast Management Services
- Stratix 2000 Unmanaged Switches offer no layer 2 or layer 3 management functionality, but offer lower cost
- Consider Network Address Translation (NAT), available with the 9300-ENA NAT device and the Stratix 5400/5700 with NAT option, depending on your application requirements

For More Information and Help

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www.ab.com (Product Directory, Publication Library, Technical Support)

Rockwell Automation

CompactLogix 5480 Capacity

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CompactLogix 5480 Performance

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Stratix Switch Family

- Scale your switch selection to your application with these Rockwell Automation switches with 1 Gb port capability: Stratix 8300, 8000, 5700 and 5400 switches
- When connecting machines to a high level plant network, consider IT networking best practices

PowerFlex 527 Capacity

- 0.5 to 30 HP, 0.4 to 22KW
- 100 to 600V single or 3-phase
- 24VDC digital I/O and Analog I/O
- Embedded EtherNet/IP (Linear/Ring with Dual Port Option) 690V: 7.5...1500 kW / 12...1485 A

PowerFlex 527 Configuration

- Studio 5000 Logix Designer common integrated motion programming, configuration, commissioning and drive diagnostic & maintenance tools
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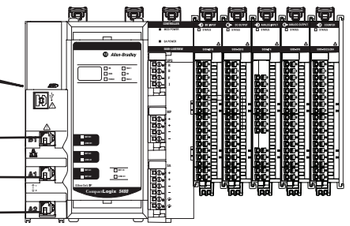
PowerFlex 527 Performance

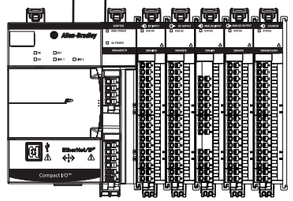
- Ideal complement to machines already using Kinetix servo drives
- Designed for the in/out feed conveyors and fan and pump applications requiring induction motor control



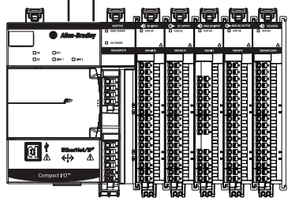
CompactLogix 5480 Controller

1 Gb

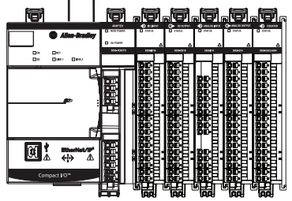
1 Gb



5069 Compact I/O



5069 Compact I/O



5069 Compact I/O

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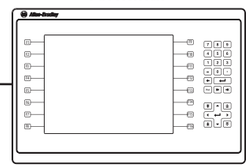
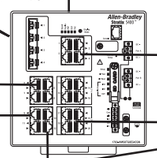
PanelView™ Plus 7 Terminal



Stratix 5700 Switch



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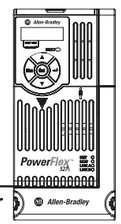
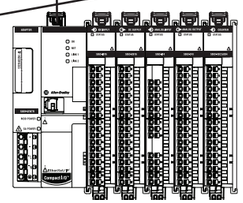
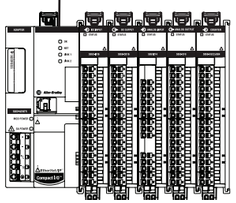


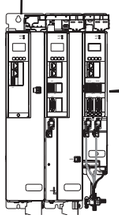
PowerFlex® 527 Drive



5069-AEN2TR Adapter Compact 5000 I/O Modules



5069-AEN2TR Adapter Compact 5000 I/O Modules



Kinetix® 5700 Drives

5069 Compact I/O Capacity

- Supports 1-Gb embedded switch technology for Device Level Ring, Linear and Star topologies
- 31 I/O Modules in a single rack

5069 Compact I/O Configuration

- Integrated USB for ease of configuration
- Supports Module Discovery and Add I/O Online 5069

5069 Compact I/O Performance

- High speed backplane of packet transfer rate of 4.4ms (511 byte packet)

PanelView Plus 7 Capacity

- 512 MB Memory, Single controller connection
- Up to 25 displays
- Up to 200 alarm messages
- SD storage card slot for data storage, data logging, recipe management and terminal replication
- USB ports for printer, RFID reader and web camera support
- Windows CE 6.0 standard features, including email and text notification and secure FTP server, PDF Viewer

PanelView Plus 7 Configuration

- Complementary to CompactLogix 5370 controllers
- Faceplates and AOIs
- Single Development Environment

PanelView Plus 7 Performance

- ARM – 1.0 GHz
- Form factor includes sizes from 4" to 15" with wide screen options
- ATEX Zone 2/22 and UL Class 1, Div 2 certification for use in hazardous environments

Kinetix 5700 Capacity

- Single or Dual Axis Modules
- 325-528VAC
- 1.6-60kW
- Embedded 2 Port EtherNet/IP supports Linear/Ring topologies

Kinetix 5700 Configuration

- Full integrated motion support for Kinetix 350, Kinetix 5500, Kinetix 5700, Kinetix 6500 and PowerFlex 755 using EtherNet/IP
- Studio 5000 Logix Designer common integrated motion programming, configuration, commissioning and drive diagnostic and maintenance tools
- Network or Hardware Safety - Safe Torque Off - SIL3 /PLe/ Cat 3

Kinetix 5700 Performance

- High speed registration input on Kinetix drive can trigger a motion task in Studio 5000 Logix Designer for faster event task performance

Note: Performance is what we tested, not the max capacity

Rockwell Automation

CompactLogix 5480 with Linear/DLR Network

Publication IASIMP-QR027A-EN-P –October 2019

CompactLogix 5480 Overview	5069-L430ERMW	5069-L450ERMW	5069-L4100ERMW	5069-L4200ERMW (formerly 5069-L46ERMW)
Logix Memory	3MB	5MB	10MB	20MB
Node Count	60	120	180	250+
I/O Expansion	31	31	31	31
Motion Physical Axis	16	24	32	150

Bill of Material

Qty	Catalog #	Description
System: Controller Hardware		
1	5069-L4200ERMW	CompactLogix 5480 Processor with Windows 10 Computer, 6Gb Ram, 64 Gb SSD, Intel I7 2.4 Ghz Quad
1	5069-IB16	16 Point 24VDC Input Module
1	5069-OB16	16 Point 24VDC Output Module
System: Communication Hardware		
1	1783-BMS06TL	Stratix 5700 Managed Switch - 6 Fast Ethernet Copper Ports
Motion Hardware		
1	2198-P031	KINETIX 5700 DC BUS SUPPLY 10A
2	2198-D006-ERS3	KINETIX 5700 Axis Module 2x2.5A
2	VPL-A1002A-CJ12AS	Kinetix VP Low Inertia Motor, IEC 100mm Frame Size, 1500 RPM Rated Speed
Single-Cable Technology - One cable between VPL Motor and Kinetix 5700 drive yields simplification and reduces costs. One cable for feedback, motor brake, and motor power		
1	2090-CSBM1DE-14AA01	SINGLE CABLE FOR KINETIX 5700, 1 METER
Note: Catalog numbers consist of characters, each of which identifies a specific version or option for that component. Reference Publication GMC-SG001-EN-E Kinetix Motion Control Selection Guide for additional information		

Qty	Catalog #	Description
Drive Hardware		
2	25C-D2P3N104	PowerFlex 527 Drive, 1 HP Frame A
2	25C-D2P3N114	PowerFlex 527 Drive with Embedded Dual Port Ethernet/IP and Integrated Safety, 1 HP Frame A
Note: PowerFlex drives come in many variations - before ordering, you will need to identify voltage rating, horsepower, enclosure type. Refer to the PowerFlex Selection Guide (PFLEX-SG002-EN-P) for additional details on selecting the right drive for your application		
Distributed I/O Hardware - Compact 5000 I/O		
5	5069-AEN2TR	Ethernet/IP Adapter
5	5069-IB16	16 Point 24VDC Input Module
5	5069-OB16	16 Point 24VDC Output Module
HMI Hardware		
1	2711P-T10C21D8S	Panelview Plus 7 Standard Terminal, Touch Screen, 10.4 Inches, Tft Color, Single Ethernet, 24V DC, Windows CE Os License, Standard Model
Recommended Software		
1	9324-RLD600ENE	Studio 5000 Logix Designer Full Edition

About this Configuration

5069 CompactLogix™ 5480 controllers are real-time controllers with Windows 10 IoT Enterprise running in parallel to the Logix control engine. CompactLogix 5480 uses the same re-architected control engine deployed in the ControlLogix® 5580 and CompactLogix 5380 controllers. This line of Logix controllers supports embedded Windows applications, such as analytics, data gathering, and predictive computations. The ability to collect data and make decisions at the machine level helps to support the Connected Enterprise and benefits both end users and OEMs.

About the Products

Logix Controllers

- A common set of controls, networks, and programming software available in multiple hardware platforms
- Multiple control disciplines in a single controller - sequential / motion / drives / process
- Multiple Program Languages available in all controllers - Ladder Diagram, Function Block, Structured Text, and Sequential Function Chart
- Tag-based architecture instead of addresses native in the controller
- Increased performance provides faster scan time execution and motion loop updates

Kinetix Servos

- Scalable solution for applications from 100W to 112KW
- Integrated platform to simplify machine design and commissioning
- Smart Motor Technology to provide automatic identification of correct motor-to-drive connectivity

Compact 5000 I/O

- A new generation of Compact I/O
- High performance control in a compact design
- Scan time improvements as much as 10x
- Mixture of standard and safety I/O available

PanelView Plus 7

- Includes sizes from 4...15 with wide screen options
- Uses Windows CE 6.0 standard features
- Offers Ethernet communications for integration from the machine to the enterprise
- Includes increased memory of 512 MB flash memory/512 MB RAM which provides greater flexibility in applications
- Monitors applications from a remote location with VNC connectivity

PowerFlex Drives

- Serves applications ranging from 0.2 kW (0.25 hp) to 6,770 kW (9,000 hp)
- Common set of networks, operator interface and programming for all PowerFlex drives
- Communication Options – Ethernet/IP, ControlNet, Devicenet, DH Plus, RIO, 3rd party networks
- Hundreds of pieces of status and diagnostic information are shared with Logix controllers directly

Stratix Switches and Network Infrastructure

- Stratix 5400, 5700, 8000 and 8300 Managed switches offer Loop Prevention, Security Services, Diagnostic Information, Segmentation Services (VLANs), Prioritization Services (QoS), and Multicast Management Services
- Stratix 2000 Unmanaged Switches offer no layer 2 or layer 3 management functionality, but offer lower cost
- Consider Network Address Translation (NAT), available with the 9300-ENA NAT device and the Stratix 5400/5700 with NAT option, depending on your application requirements

For More Information and Help

For more information contact your local distributor or Rockwell Automation sales representative.
www.ab.com (Product Directory, Publication Library, Technical Support)

Rockwell Automation