

f Material

		Bill of
Qty	Catalog #	Description
	System:	Controller Hardware
1	1769-L31	COMPACTLOGIX L31 PROCESSOR, 512K MEMORY
Serial		can connect to a PanelView Plus via the lexibility add the 1761-NET-ENI to add Network.
1	1769-ECR	RIGHT END CAP/TERMINATOR
2	1769-IF4	4 CHANNEL ANALOG CUR RENT/VOLTAGE INPUT MODULE
4	1769-IQ16	16 POINT 24 VDC SINKING/SOURCING INPUT MODULE
3	1769-OB16	16 POINT 24 VDC SOURCING OUTPUT MODULE,
2	1769-OF2	2 CHANNEL ANALOG CUR RENT/VOLTAGE OUTPUT MODULE,
1	1769-SDN	DEVICENET SCANNER FOR 1769 BUS
3	1769-PA4	120/240 VAC INPT. PWR SUPPLY 4A @ 5VDC, 2A @ 24VDC
1	1769-CRL1	1 FT (305 MM) RIGHT-TO-LEFT BUS EXPANSION CABLE
	F	MI Hardware
1	2711P-B6 <i>C</i> 5 <i>A</i>	PanelView PLUS 600 COLOR KEY/TOUCH TERMINAL RS232
4	0744 11440	F 445750 0 0000 0050 477110 /

		MI TIGI GWGI C
1	2711P-B6 <i>C</i> 5 <i>A</i>	PanelView PLUS 600 COLOR KEY/TOUCH TERMINAL RS232
1	2711-NC13	5 METER RS232 OPERATING/

	DeviceNe ⁻	t Network Hardware
1	1485A-T1E4	NEMA 6P, 13 TERMINATOR WITH
		IDC IDC BASE
2	1485P-P1E4-R5	NEMA 6P, 13 MICRO MODULE
		WITH IDC BASE
3	1485K-P1F5-C	RIGHT ANGLE MICRO 1M TO
		CONDUCTOR
3	1485T-P1E4-B1	NEMA 6P, 13 POWER TAP WITH

1485C-P1E75 FLAT CABLE, CLASS 1, TPE

JACKET, 75M

POWER SUPPLY

PROGRAMMING CABLE

IDC BASE, 1M LENGTH

DEVICENET CLASS II 24VDC

Note: Devicenet has several media options (Flat Cable, Thick/Thin Cable). These options provide the versatility to select the cable that best fits your application. Refer to the Devicenet Selection Guide for additional details.

1787-DNPS

	Distributed (Devicenet Devices
1	193-EC1AB	E3 ELECTRONIC OVERLOAD
		RELAY, 100-C09C23, 1-5A
1	1734D-IA8XOA8S	120 VAC 8 IN 8 OUT,
		DNET COMMS, SPRING

Qty	Catalog # Desc	ription
	Drive H	lardware
1	20AA2P2A0AYYADNN	POWERFLEX 70
		DRIVE - DEVICENET

Note: PowerFlex drives come in many variations - before ordering, you will need to identify voltage rating, horsepower, enclosure type. In addition, you may wish to add on optional equipment, such as HIM module or Brake Resister. Please refer to the PowerFlex Selection Guide for additional details on selecting the right drive for you application.

22A-A1P5N114 POWERFLEX 4 DRIVE

1	22-COMM-D	POWERFLEX 4 DEVICENET
		INTERFACE
1	22-XCOMM-DC-	-
	BASE	EXTERNAL DSI COMM KIT
	0	ther Hardware
1	1756- <i>C</i> P3	RS-232 CONFIGURATION CABLE
	Op	tional Hardware
1	1761-NET-ENI	RS-232 TO ETHERNET
		CONVERTER
1	1761-CBL-AP00	CABLE: 9 PIN DIN TO
		9 PIN DSHELL
1	1784-CF64	64MB COMPACTFLASH CARD
2	1769-SDN	DEVICENET SCANNER FOR
		1769 BUS
	Recon	nmended Software
1	RLD250xxE*	RSLOGIX 5000 LITE, CONTAINS

Note: CompactLogix Controllers can be programmed using RSLogix 5000 Mini, Lite, Standard, or Pro. If you plan to only use Ladder Diagram, you may substitute the Lite version for Mini and save some upfront costs

ALL LANGUAGES / RSLINX LITE

Note: If you plan on using the ControlLogix platform or plan to use motion instructions, you will need to up upgrade to RSLogix Standard

1	9357-DNETL3.	RSNETWORX FOR DEVICENET	
1	9701-VWSTMENE	RSVIEW STUDIO FOR	
		MACHINE EDITION	
1	9306-4EXP02ENE	DRIVE EXPLORER	
Optional Software			
	Optional	Software	
1	•	Software RSLINX PROFESSIONAL-	
1	9355-WABENE		

About this Configuration: L31 System

This CompactLogix based system provides economical, stand-alone control with expandable local I/O, expandable DeviceNet communications and two RS-232 ports that serve a variety of applications. It matches the basic layout of classic control systems but provides the functionality of the Integrated Architecture, including easy integration, a tag-based system and status and diagnostic information shared by all of the products.

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
- · Embedded RS-232 port provides remote access as well as ASCII, DH-485, DF-1, Modbus Master/Slave and bridging to other networks enabling remote device configuration
- Tag-based architecture instead of addresses

PanelView Plus

- Reuse tags from Logix controllers by choosing them from a list
- 4" 15" screen sizes available
- Touchscreen, keypad or combination
- Integrated EtherNet/IP and RS-232 communications (most models), add-on communications for many other networks
- Advanced Operator Interface features such as trending, expressions, data logging, animation.

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

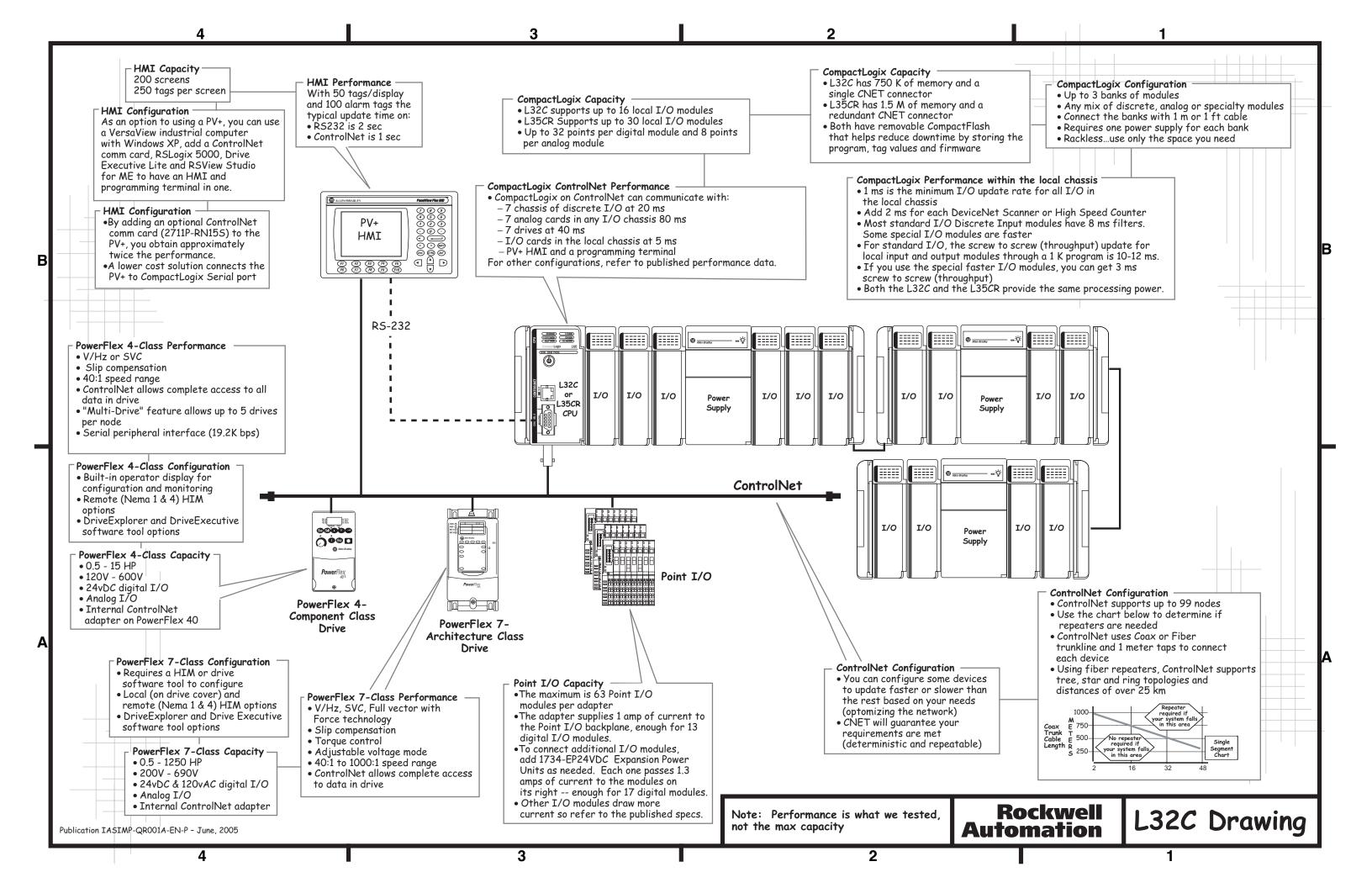
Point I/O

- Available in IP-20 or IP-67 styles
- · Densities from 2-8 points per module
- · Removable screw or spring terminals without rewiring
- · Mounts horizontally or vertically with no derating required
- Supports EtherNet/IP, ControlNet, DeviceNet and 3rd party networks

For More Information and Help

- · www.ab.com
- Publication Library
- My Support
- · A Z Product Directory





Catalog #	Description
System:	Controller Hardware
1769-L32 <i>C</i>	COMPACTLOGIX L32C PROCESSOR, 750K MEMORY
Net applications.	ers a 1769-L35CR for redundant ControlNet media redundancy improves des you with added reliability
1769-ECR	RIGHT END CAP/TERMINATOR
1769-IF4	4 CHANNEL ANALOG CURRENT/VOLTAGE INPUT MODULE
1769-IQ16	16 POINT 24 VDC SINKING/SOURCING INPUT MODULE
1769-OB16	16 POINT 24 VDC SOURCING OUTPUT MODULE,
1769-OF2	2 CHANNEL ANALOG CURRENT/VOLTAGE OUTPUT MODULE,
1769-PA4	120/240 VAC INPT. PWR SUPPLY 4A @ 5VDC, 2A @ 24VDC
1769-CRL1	1 FT (305 MM) RIGHT-TO-LEFT BUS EXPANSION CABLE
ŀ	HMI Hardware
2711P-B6 <i>C</i> 5 <i>A</i>	PANELVIEW PLUS 600 COLOR KEY/TOUCH TERMINAL RS232
ControlN	et Network Hardware
1786-XT	CONTROLNET 75 OHM TERMINATOR PLUG
1786-TPS	CONTROLNET T-TAP/STRAIGHT
1786-R <i>G</i> 6	CONTROLNET RG6 SHIELD HIGH FLEX CABLE-1000FT ROLL
	System: 1769-L32C CompactLogix offer Inverse and provided in 1769-ECR 1769-IF4 1769-OB16 1769-OF2 1769-PA4 1769-CRL1 E2711P-B6C5A ControlN 1786-XT

Note: A redundant network will require twice the number of taps, terminators, and wire. Some equipment (i.e. 1769-L32C) supports single media and some equipment (i.e. 1769-L35CR) supports redundant media. Make sure you have ordered the correct equipment to support a redundant network.

Distributed ControlNet Devices		
2	1734- <i>AC</i> NR	1734 CONTROLNET
		ADAPTER /REDUNDANT MEDIA
2	1734-IA2	120 VAC 2 CHANNEL INPUT
		MODULE
2	1734-OA2	120/230 VAC 2 CHANNEL OUTPUT
		MODULE
2	1734-TB	MODULE BASE W/ REMOVABLE
		IEC SCREW TERMINALS
2	1794-PS13	85-264 VAC TO 24 VDC 1.3A
		POWER SUPPLY

Qty	Catalog #	Descri	ption
	Dr	ive Ha	rdware
1	20AB2P2A0AYY	ACNN	POWERFLEX 70 DRIVE -
		CONTR	COLNET INTERFACE

Note: PowerFlex drives come in many variations - before ordering, you will need to identify voltage rating, horsepower, enclosure type. In addition, you may wish to add on optional equipment, such as HIM module or Brake Resister. Please refer to the PowerFlex Selection Guide for additional details on selecting the right drive for you application.

1	22A-A1P5N114	POWERFLEX 4 DRIVE
1	22-COMM-C	POWERFLEX 4 DEVICENET
		INTERFACE
1	22-XCOMM-DC	-
	BASE	EXTERNAL DSI COMM KIT
	Op ¹	tional Hardware
1	1784-P <i>CC</i>	CONTROLNET PC INTERFACE CARD
1	1784-CF64	64MB COMPACTFLASH CARD
Recommended Software		
1	RLD250xxE*	RSLOGIX 5000 LITE, CONTAINS
		ALL LANGUAGES / RSLINX LITE

Note: CompactLogix Controllers can be programmed using RSLogix 5000 Mini, Lite, Standard, or Pro. If you plan to only use Ladder Diagram, you may substitute the Lite version for Mini and save some upfront costs

Note: If you plan on using the ControlLogix platform or plan to use motion instructions, you will need to up upgrade to RSLogix Standard

1	9357-CNETL3.	RSNETWORX FOR	
		CONTROLNET	
1	9701-VWSTMENE	RSVIEW STUDIO FOR	
		MACHINE EDITION	
1	9306-4EXP02ENE	DRIVE EXPLORER	
Optional Software			
1	9355-WABENE	RSLINX PROFESSIONAL -	
		DATA MONITOR AND	
		DDE/OPC SUPPORT	

About this Configuration: L32C System

This CompactLogix based system with integrated ControlNet offers a fast, economical yet small controller matched with a high-speed, deterministic network. ControlNet's bus topology configuration is very popular for machine builders and end users while supporting I/O, drive control and HMI on a single network. Further, Logix automatically creates detailed tags for networked devices. It matches the basic layout of classic control systems, but provides a significant upgrade in performance and functionality in a small size.

About the Products

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- · 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
- Embedded RS-232 port provides remote access as well as ASCII, DH-485, DF-1, Modbus Master/Slave and bridging to other networks enabling remote device configuration
- Tag-based architecture instead of addresses

PanelView Plus

- · Reuse tags from Logix controllers by choosing them from a list
- 4" 15" screen sizes available
- · Touchscreen, keypad or combination
- Integrated EtherNet/IP and RS-232 communications (most models), add-on communications for many other networks
- · Advanced Operator Interface features such as trending, expressions, data logging, animation.

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

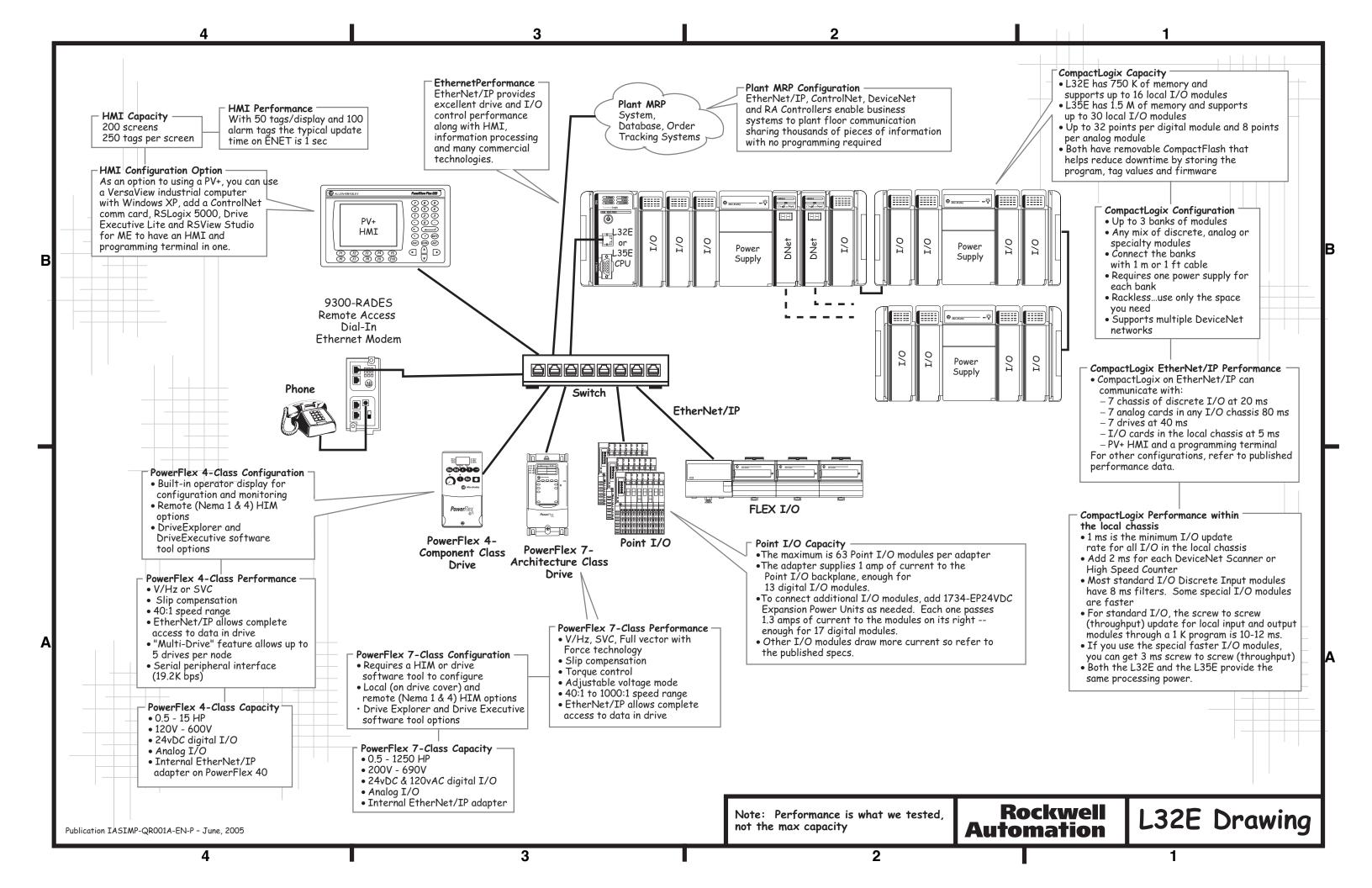
Point I/O

- · Available in IP-20 or IP-67 styles
- · Densities from 2-8 points per module
- · Removable screw or spring terminals without rewiring
- · Mounts horizontally or vertically with no derating required
- Supports EtherNet/IP, ControlNet, DeviceNet and 3rd party networks

For More Information and Help

- www.ab.com
- Publication Library
- My Support
- · A Z Product Directory





Qty	Catalog #	Description
	System:	Controller Hardware
1	1769-L35E	COMPACTLOGIX L35E PROCESSOR,
		1.5meg MEMORY
1	1769-ECR	RIGHT END CAP/TERMINATOR
2	1769-IF4	4 CHANNEL ANALOG
		CURRENT/VOLTAGE
		INPUT MODULE
4	1769-IQ16	16 POINT 24 VD SINKING/
		SOURCING INPUT MODULE
3	1769-OB16	16 POINT 24 VDC SOURCING
		OUTPUT MODULE,
2	1769-OF2	2 CHANNEL ANALOG CURRENT/
		VOLTAGE OUTPUT MODULE,
3	1769-PA4	120/240 VAC INPT. PWR SUPPLY
		4A @ 5VDC, 2A @ 24VDC
1	1769-CRL1	1 FT (305 MM) RIGHT-TO-LEFT
_	1,0,000	BUS EXPANSION CABLE
		MI Hardware
1	2711P-B10C15B1	PANELVIEW PLUS 1000 COLOR
		KEY/TOUCH TERMINAL
	Distributed I/	O Hardware - Point I/O
1	1734-AENT	1734 ETHERNET/IP ADAPTER
1	1734-FPD	FIELD POTENTIAL DISTRIBUTOR
1	1734-IA2	120 VAC 2 CHANNEL INPUT
		MODULE
1	1734-OA2	120/230 VAC 2 CHANNEL OUTPUT
		MODULE
2	1734-TB	MODULE BASE W/ REMOVABLE
		IEC SCREW TERMINALS
1	1794-PS13	85-264 VAC TO 24 VDC 1.3A
		POWER SUPPLY
	Distributed T	/O Hardware - Flex I/O
1	1794-AENT	ETHERNET ADAPTER W/24V DC
		POWEL SUPPLY, TWIST PR
2	1794-I <i>A</i> 16	85-132V AC INPUT MODULE,
		16 POINT
1	1794-OA16	85-132V AC OUTPUT MODULE,
		16 POINT
1	1794-PS13	85-264 VAC TO 24 VDC 1.3A
		POWER SUPPLY
3	1794-TB3	TERMINAL BASE, 3-WIRE
	Dr	ive Hardware
1		
1	ZUABOYBAUAYN	IAENN POWERFLEX 70 DRIVE - ETHERNET

Note: PowerFlex drives come in many variations - before ordering, you will need to identify voltage rating, horsepower, enclosure type. In addition, you may wish to add on optional equipment, such as HIM module or Brake Resister. Please refer to the PowerFlex Selection Guide for additional details on selecting the right drive for you application.

Qt	y Catalog#	Description
1	22A-A1P5N114	POWERFLEX 4 DRIVE
1	22-COMM-E	POWERFLEX 4 ETHERNET
		INTERFACE
1	22-XCOMM-	EXTERNAL DSI COMM
	DC-	KIT
	0	ther Hardware
1	ENET SWITCH 8-PORT	ETHERNET SWITHCH 4-PORT

Note: For industrial applications, it is recommended to use industrial switches with network management capability. RA has teamed up with several reputable industrial switch manufacturers. Please check out our Encompass Partners on www.ab.com

		•		
	Optional Hardware			
1	6180W-15BP2KH	VERSAVIEW 15-INCH		
		WORKSTATION, KEYPAD &		
		TOUCH PERFORMANCE		
		FEATURES, WINDOWS 2000,		
		HMI SOFTWARE		
1	1784-CF64	64MB COMPACTFLASH CARD		
1	1769-SDN	DEVICENET SCANNER FOR		
		1769 BUS		
1	1769-HSC	2/4 CHANNEL HIGH SPEED		
		COUNTER/ENCODER MODULE		
	Recom	mended Software		
1	RLD250xxE*	RSLOGIX 5000 LITE, CONTAINS		
		ALL LANGUAGES / RSLINX LITE		

Note: CompactLogix Controllers can be programmed using RSLogix 5000 Mini, Lite, Standard, or Pro. If you plan to only use Ladder Diagram, you may substitute the Lite version for Mini and save some upfront costs

Note: If you plan on using the ControlLogix platform or plan to use motion instructions, you will need to up upgrade to RSLogix Standard

Stan	dard	
1	9701-VWSTMENE	RSVIEW STUDIO FOR
		MACHINE EDITION
1	9306-4EXP02ENE	DRIVE EXPLORER
	Recomm	nended Software
1	9355-WABENE	RSLINX PROFESSIONAL -
		DATA MONITOR AND
		DDE/OPC SUPPORT

About this Configuration: L32E System

This CompactLogix based system with integrated EtherNet/IP offers a single network solution for high-speed I/O control, drive control and controller-to-controller interlocking as well as easy integration with the business system, the Internet and commercial Ethernet technologies. Although drawn in an unusual configuration due to the star topology of Ethernet, this system can replace many classic control system configurations. Devices connected to Ethernet/IP feature embedded web pages that provide diagnostics information for troubleshooting from any standard web browser.

About the Products

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- Multiple Program Languages available in all controllers Ladder Diagram, Function Block, Structured Text, and Sequential Function Chart
- Embedded RS-232 port provides remote access as well as ASCII, DH-485, DF-1, Modbus Master/Slave and bridging to other networks enabling remote device configuration
- Tag-based architecture instead of addresses

PanelView Plus

- · Reuse tags from Logix controllers by choosing them from a list
- · 4" 15" screen sizes available
- Touchscreen, keypad or combination
- Integrated EtherNet/IP and RS-232 communications (most models), add-on communications for many other networks
- · Advanced Operator Interface features such as trending, expressions, data logging, animation.

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

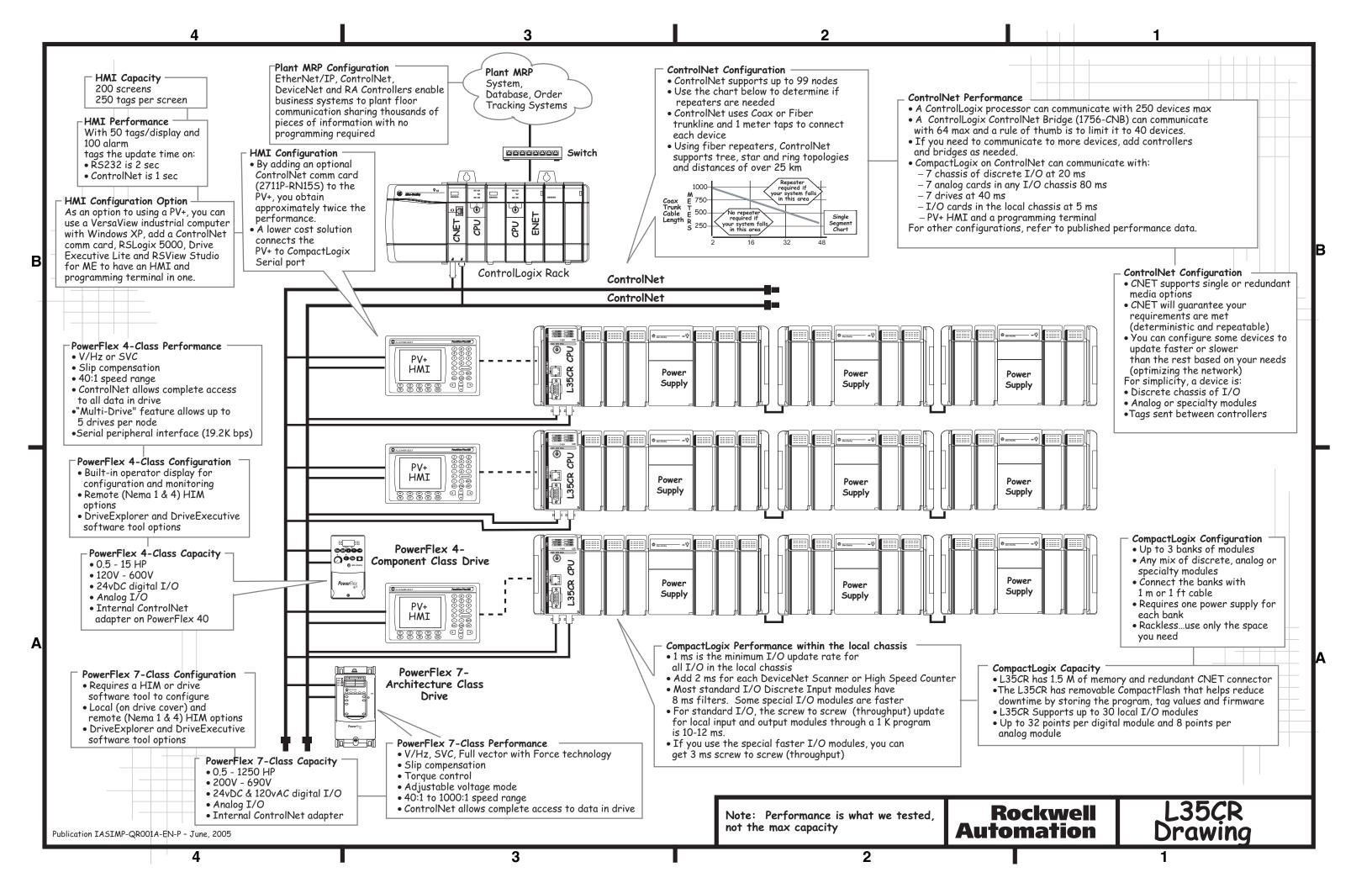
Point I/O

- · Available in IP-20 or IP-67 styles
- Densities from 2-8 points per module
- · Removable screw or spring terminals without rewiring
- · Mounts horizontally or vertically with no derating required
- Supports EtherNet/IP, ControlNet, DeviceNet and 3rd party networks

For More Information and Help

- www.ab.com
- Publication Library
- My Support
- · A Z Product Directory





Qty	Catalog #	Description
	System: Contro	olLogix Controller Hardware
2	1756-L61	CONTROLLOGIX 5561, 2 MEG MEMORY
1	1756-PA72	10 AMP AC POWER SUPPLY
1	1756-A7	7 SLOT CHASSIS
1	1756-ENBT	CONTROLLOGIX ETHERNET/IP COMM CARD
1	1756-CNBR	CONTROLLOGIX CONTROLNET COMM CARD, REDUNDANT MEDIA
	System: Compa	ctLogix Controller Hardware
3	1769-L35 <i>C</i> R	COMPACTLOGIX L35CR
3	1709-L33CR	PROCESSOR, REDUNDANT
		CONTROLNET
3	1769-E <i>C</i> R	RIGHT END CAP/TERMINATOR
6	1769-IF4	4 CHANNEL ANALOG
		CURRENT/VOLTAGE INPUT
		MODULE
18	1769-IQ16	16 POINT 24 VDC
		SINKING/SOURCING INPUT
		MODULE
12	1769-OB16	16 POINT 24 VDC SOURCING
		OUTPUT MODULE,
6	1769-OF2	2 CHANNEL ANALOG
		CURRENT/VOLTAGE OUTPUT
		MODULE,
9	1769-PA4	120/240 VAC INPT. PWR SUPPLY
		4A @ 5VDC, 2A @ 24VDC
6	1769-CRL1	1 FT (305 MM) RIGHT-TO-LEFT
		BUS EXPANSION CABLE
	Н	IMI Hardware
3	2711P-B10C4B1	PV PLUS 1000, KEY/TOUCH
		ETHERNET, AC PS
1	2711P-RN15S	CONTROLNET UNSCHEDULED
		COMM MODULE FOR PV PLUS
		700-1500
	ControlNe	et Network Hardware
2	1786-XT	CONTROLNET 75 OHM
		TERMINATOR PLUG
9	1786-TPS	CONTROLNET T-TAP/STRAIGHT
1	1786-R <i>G</i> 6	CONTROLNET RG6 SHIELD HIGH
		FLEX CABLE-1000FT ROLL
Note:	A redundant netwo	rk will require twice the number of taps

Note: A redundant network will require twice the number of taps, terminators, and wire. Some equipment (i.e. 1769-L32C) supports single media and some equipment (i.e. 1769-L35CR) supports redundant media. Make sure you have ordered the correct equipment to support a redundant network.

Qty	Catalog #	Description
	Drive Ha	rdware
1	20AB2P2A0AYYACNN	POWERFLEX 70 DRIVE -
		CONTROLNET INTERFACE

Note: PowerFlex drives come in many variations - before ordering, you will need to identify voltage rating, horsepower, enclosure type. In addition, you may wish to add on optional equipment, such as HIM module or Brake Resister. Please refer to the PowerFlex Selection Guide for additional details on selecting the right drive for you application.

1	22A-A1P5N114	POWERFLEX 4 DRIVE
1	22-COMM-C	POWERFLEX 4 CONTROLNET
		INTERFACE
1	22-XCOMM-DO	C-BASE EXTERNAL DSI COMM KIT
	Optio	nal Hardware
1	1784-P <i>CC</i>	CONTROLNET PC
		INTERFACE CARD
1	1784-CF64	64MB COMPACTFLASH CARD
	Reco	mmended Software
1	RLD250xxE*	RSLOGIX 5000 LITE, CONTAINS
		ALL LANGUAGES / RSLINX LITE

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Note: If you plan on using the ControlLogix platform or plan to use motion instructions, you will need to up upgrade to RSLogix Standard

9357-CNETL3.	RSNETWORX FOR CONTROLNET
9701-VWSTMENE	RSVIEW STUDIO FOR MACHINE EDITION
9306-4EXP02ENE	DRIVE EXPLORER
Option	nal Software
9355-WABENE	RSLINX PROFESSIONAL -
	DATA MONITOR AND
	DDE/OPC SUPPORT
	9701-VWSTMENE 9306-4EXP02ENE Option

About this Configuration: L35CR System

This Integrated Architecture system provides distributed control communicating over a high-speed, redundant ControlNet to a supervisory controller. This bus topology ControlNet configuration matches the basic architectural layout found in many web-handling and steel applications as well as cell and station-based manufacturing environments. Information from every device is available to the business system without any additional code.

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- · Tag-based architecture instead of addresses

PanelView Plus

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- 4" 15" screen sizes available
- Touchscreen, keypad or combination
- Integrated EtherNet/IP and RS-232 communications (most models), add-on communications for many other networks
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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
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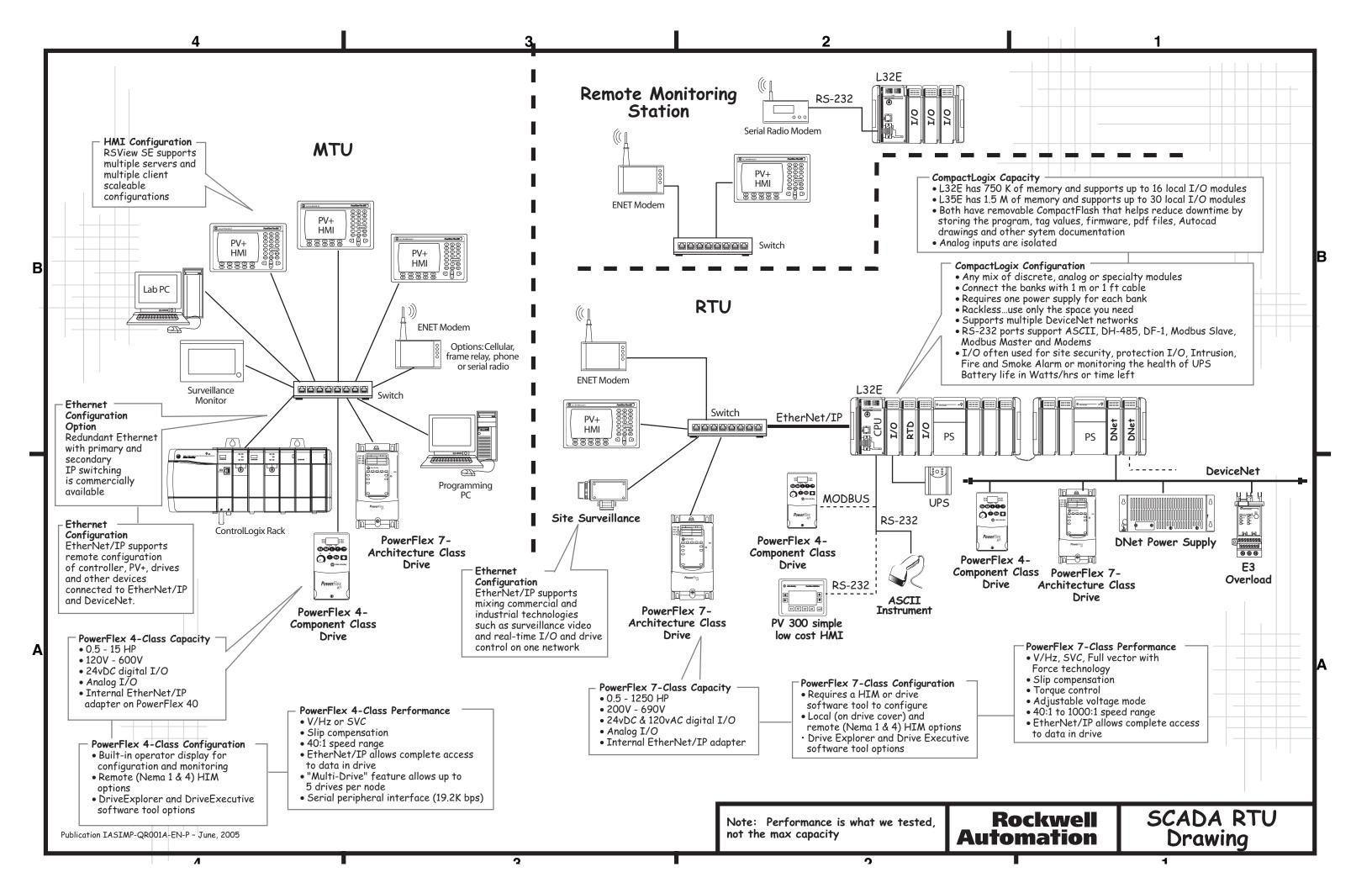
Point I/O

- · Available in IP-20 or IP-67 styles
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- · Removable screw or spring terminals without rewiring
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For More Information and Help

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- Publication Library
- My Support
- · A Z Product Directory





		DIII 01	Mai	eriai		
Qty	Catalog	Description	Q	ty Catalog#		Description
		MTU Hardware		Distr	ributed	Devicenet Devices
	System	ControlLogix Controller Hardware	1	193-EC1AB	E3 EL	ECTRONIC OVERLOAD
2	1756-L61	CONTROLLOGIX 5561, 2 MEG MEMORY				Y, 100-C09C23, 1-5A
1	1756-PA72	10 AMP AC POWER SUPPLY	1	1734D-IA8XOA8S		AC 8 IN 8 OUT, DNET
1	1756-A7	7 SLOT CHASSIS				MS, SPRING
		CONTROLLOGIX ETHERNET/IP COMM CARD			Drive	e Hardware
1	1756-CNBR	CONTROLLOGIXM CARD, REDUNDANT MEDIA	1	20AB6P8COAYN	ANNN	POWERFLEX 70 DRIVE - WALL MOUNT
		HMI Hardware		20-COMM-E		POWERFLEX70 ETHERNET
3	2711P-B10	C4B1 PV PLUS 1000, KEY/TOUCH ETHERNET, AC PS		22A-A1P5N114		INTERFACE POWERFLEX 4 DRIVE
	System:	RTU Hardware CompactLogix Controller Hardware	- 1	22-COMM-D		POWERFLEX 4 DEVICENET INTERFACE
	•		. 1	22-XCOMM-DC-		EXTERNAL DSI COMM KIT
1		DMPACTLOGIX L32E PROCESSOR, OK MEMORY	ord	lering, you will need to	identify	nany variations - before v voltage rating, horsepower, enclos
		EVICENET SCANNER FOR 1769 BUS				o add on optional equipment, such a Please refer to the PowerFlex
		GHT END CAP/TERMINATOR				tails on selecting the right drive
3		CHANNEL ANALOG CURRENT/VOLTAGE		you application.		
1		NPUT MODULE CHANNEL RTD/RESISTANCE INPUT MODULE	- <u> </u>		Othe	r Hardware
		POINT 24 VDC SINKING/ SOURCING	2	ENET SWITCH	8-PORT	ETHERNET SWITCH 4-PORT
•		NPUT MODULE				it is recommended to use industria
1		POINT 24 VDC SOURCING OUTPUT MODULE	SWi	tches with network mo	anagemei	nt capability. RA has teamed up wit
		CHANNEL ANALOG CURRENT/VOLTAGE	sev	erai reputable industri compass Partners on wi	iai switci ww.ab.co	h manufacturers. Please check out o
		JTPUT MODULE,				
2		0/240 VAC INPT. PWR SUPPLY 4A @ 5VDC,	$\frac{1}{2}$	1756-CP3 RF MODEM		RS-232 CONFIGURATION CA
		(@ 24VDC				ETHERNET RF MODEM
1		FT (305 MM) RIGHT-TO-LEFT BUS (PANSION CABLE	act	rurers. Please check o	out our E	everal reputable RF Modem manu Encompass Partners on www.ab.co
		HMI Hardware			Option	nal Hardware
1	2711P-B6 <i>C</i> 1 <i>A</i>	PANELVIEW PLUS 600 COLOR KEY/	1_	1784-CF6464MB		COMPACTFLASH CARD
•	2/11/ 0001/(TOUCH TERMINAL, ETHERNET	1	1769-SDN		DEVICENET SCANNER FOR 1769
Note	: Panelview 400	and 600 terminals provide an low cost	- 	Re	comme	ended Software
integi	rated Ethernet affordable pric	solution to provide high performance capability	1	RLD250xxE?		RSLOGIX 5000 LITE, CONTAIN LANGUAGES / RSLINX LITE
	D	eviceNet Network Hardware	No	te: CompactLogix Cont	rollers o	can be programmed using RSLogix 5
	1485A-T1E4	NEMA 6P, 13 TERMINATOR WITH IDC BAS	Min	ni, Lite, Standard, or Pi	ro. If y	ou plan to only use Ladder Diagram, or Mini and save some upfront cost.
2	1485P-P1E4-R5	IDC BASE				ntrolLogix platform or plan to use r pgrade to RSLogix Standard
	1485K-P1F5-C	RIGHT ANGLE MICRO 1M TO CONDUCTOR	1	9357-DNETL3.	F	RSNETWORX FOR DEVICENET
		NEMA 6P, 13 POWER TAP WITH IDC BASE, 1M LENGTH	1	9701-VWSTMEN	IE F	RSVIEW STUDIO FOR MACHINE EDITION
_1	1485 <i>C-</i> P1E75	FLAT CABLE, CLASS 1, TPE JACKET, 75M	- Na	to: Vou will mood to my		MACHINE EUITION the DSView runtime in addition to t

Note: Devicenet has several media options (Flat Cable, Thick/Thin Cable) These options provide the versatility to select the cable that best fits your application. Refer to the Devicenet Selection Guide for additional details.

DEVICENET CLASS II 24VDC POWER SUPPLY

1 1787-DNPS

Qt	ry Catalog#	Description			
	Distr	ibuted Devicenet Devices			
1	193-EC1AB	E3 ELECTRONIC OVERLOAD			
		RELAY, 100-C09C23, 1-5A			
1	1734D-IA8XOA8S	120 VAC 8 IN 8 OUT, DNET			
		COMMS, SPRING			
	Drive Hardware				
1	20AB6P8COAYNA	ANNN POWERFLEX 70 DRIVE -			
		WALL MOUNT			
	20-COMM-E	POWERFLEX70 ETHERNET			
		INTERFACE			
1	22A-A1P5N114	POWERFLEX 4 DRIVE			
1	22-COMM-D	POWERFLEX 4 DEVICENET			
		INTERFACE			
1	22-XCOMM-DC-E	BASE EXTERNAL DSI COMM KIT			
	0 51 1:				

1	1756- <i>C</i> P3	RS-232 CONFIGURATION CABLE
2	RF MODEM	ETHERNET RF MODEM

1	1784-CF6464MB	COMPACTFLASH CARD
1	1769-SDN	DEVICENET SCANNER FOR 1769 BUS

1	RLD250xxE?	RSLOGIX 5000 LITE, CONTAINS ALL
		LANGUAGES / RSLINX LITE

5000 n, you its

motion

1	9357-DNETL3.	RSNETWORX FOR DEVICENET
1	9701-VWSTMENE	RSVIEW STUDIO FOR
		MACHINE EDITION

Note: You will need to purchase the RSView runtime in addition to the studio if you upgrade from the Panelview Plus to the VersaView PC

1 9306-4EXP02ENE DRIVE EXPLOR	E EXPLORER
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Optional Software		
9355-WABENE	RSLINX PROFESSIONAL - DATA	
	MONITOR AND DDE/OPC SUPPORT	

About this Configuration: SCADA System

This Integrated Architecture system demonstrates the scalability of Logix controllers and RSView / PanelView Plus products in a SCADA application by using a variety of products to create large and small stations. Although equipment is distributed over long distances, all the data is easily accessible everywhere. In addition, because EtherNet/IP is standard Ethernet, a variety of modem technologies and instruments can be easily integrated to form a complete system.

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
- Embedded RS-232 port provides remote access as well as ASCII, DH-485, DF-1, Modbus Master/Slave and bridging to other networks enabling remote device configuration
- Tag-based architecture instead of addresses

PanelView Plus

- · Reuse tags from Logix controllers by choosing them from a list
- · 4" 15" screen sizes available
- Touchscreen, keypad or combination
- Integrated EtherNet/IP and RS-232 communications (most models), add-on communications for many other networks
- · Advanced Operator Interface features such as trending, expressions, data logging, animation.

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

Point I/O

- · Available in IP-20 or IP-67 styles
- · Densities from 2-8 points per module
- Removable screw or spring terminals without rewiring
- · Mounts horizontally or vertically with no derating required
- · Supports EtherNet/IP, ControlNet, DeviceNet and 3rd party networks

For More Information and Help

- · www.ab.com
- Publication Library
- My Support
- · A Z Product Directory

