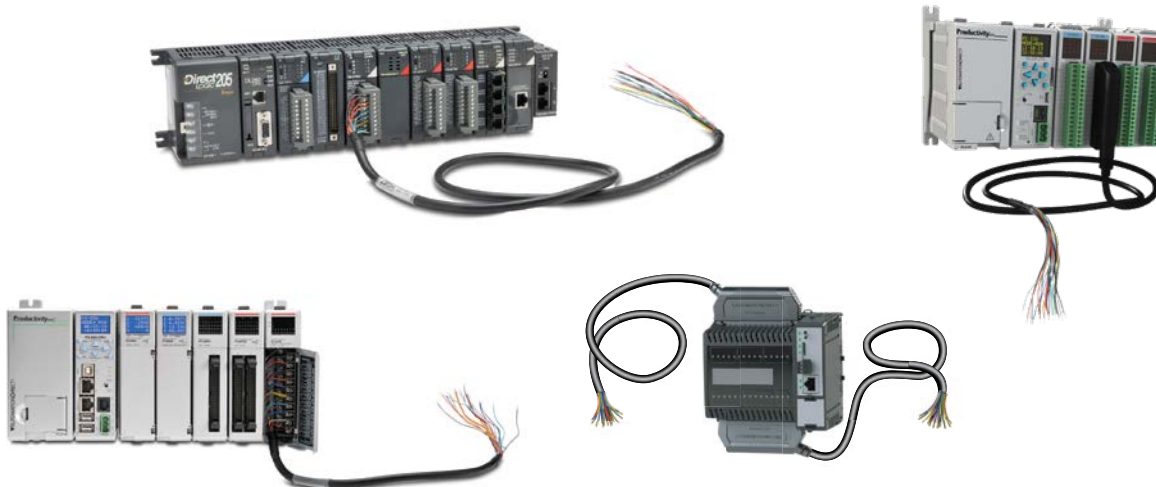




# PLC I/O to 3rd Party Devices

PLC I/O to 3rd Party Devices ZIPLink Cable Selector				
PLC		ZIPLink		
PLC Family	# of Terms	Number of Wires	Pigtail Cable Part No. †	Length
<b>BRX MPUs</b>	15	18	<a href="#">ZL-BX-CBL15-1P</a> or -2P	"-1P" = 1 meter, "-2P" = 2 meters
	20	24	<a href="#">ZL-BX-CBL20-1P</a> or -2P	
<b>BRX Expansion Modules</b>	10	24	<a href="#">ZL-BXEM-CBL10-1P</a> or -2P	
	15	18	<a href="#">ZL-BXEM-CBL15-1P</a> or -2P	
	20	24	<a href="#">ZL-BXEM-CBL20-1P</a> or -2P	
<b>CLICK I/O Modules</b>	11	11	<a href="#">ZL-C0-CBL11-1P</a>	
	20	20	<a href="#">ZL-C0-CBL20-1P</a>	
<b>DL05 PLC Fixed I/O</b>	22	22	<a href="#">ZL-D05-CBL22-1P</a>	
<b>DL06 PLC Fixed I/O</b>	24	24	<a href="#">ZL-D06-CBL24-1P</a>	
<b>DL05 &amp; DL06 I/O Modules</b>	8	8	<a href="#">ZL-D0-CBL8-1P</a>	
	10	10	<a href="#">ZL-D0-CBL10-1P</a>	
	13	13	<a href="#">ZL-D0-CBL13-1P</a>	
	24	24	<a href="#">ZL-D0-CBL24-1P</a> or -2P	
<b>DL205 I/O Modules †</b>	10	10	<a href="#">ZL-D0-CBL10-1P</a> or -2P	
	19	19	<a href="#">ZL-D2-CBL19-1P</a> or -2P	
	40	40	<a href="#">ZL-D24-CBL40-1P</a> or -2P	
			<a href="#">ZL-D24-CBL40-1XP</a> or -2XP	
<b>DL405 I/O Modules †</b>	40	40	<a href="#">ZL-D24-CBL40-1XP</a> or -2XP	
			<a href="#">ZL-D24-CBL40-1P</a> or -2P	
<b>Productivity®1000 I/O Modules</b>	10	20	<a href="#">ZL-P1-CBL10-1P</a> or -2P	
	18	20	<a href="#">ZL-P1-CBL18-1P</a> or -2P	
<b>Productivity®2000 I/O Modules</b>	20	20	<a href="#">ZL-P2-CBL18-1P</a> or -2P	
	24	24	<a href="#">ZL-P2-CBL24-1P</a> or -2P	
	40	40	<a href="#">ZL-P3-CBL40-1P</a> or -2P	
<b>Productivity3000® I/O Modules</b>	20	20	<a href="#">ZL-P3-CBL20-1P</a> or -2P	
	40	40	<a href="#">ZL-P3-CBL40-1P</a> or -2P	

† X = 45° cable connector, all other cables have 180° cable connector



# **ZIPLINK** Wiring Solutions

## Wiring Solutions using the ZIPLink Wiring System

**ZIPLinks** eliminate the normally tedious process of wiring between devices by utilizing pre-wired cables and DIN rail mount connector modules. It's as simple as plugging in a cable connector at either end or terminating wires at only one end. Pre-wired cables keep installation clean and efficient, using half the space at a fraction of the cost of standard terminal blocks. There are several wiring solutions available when using the **ZIPLink** System ranging from PLC I/O-to-**ZIPLink** Connector

Modules that are ready for field termination, options for connecting to third party devices, GS, DuraPulse and SureServo Drives, as well as special relay, transorb and communications modules. Pre-printed I/O-specific adhesive label strips for quick marking of **ZIPLink** modules are provided with **ZIPLink** cables. See the following solutions to help determine the best **ZIPLink** system for your application.

### **Solution 1: Do-more, DirectLOGIC, CLICK and Productivity Series I/O Modules to ZIPLink Connector Modules**

When looking for quick and easy I/O-to-field termination, a **ZIPLink** connector module used in conjunction with a prewired **ZIPLink** cable, consisting of an I/O terminal block at one end and a multi-pin connector at the other end, is the best solution.



Using the PLC I/O Modules to **ZIPLink** Connector Modules selector tables located in this section,

1. Locate your I/O module/PLC
2. Select a **ZIPLink** Module
3. Select a corresponding **ZIPLink** Cable.

### **Solution 2: Do-more, DirectLOGIC, CLICK and Productivity Series I/O Modules to 3rd Party Devices**

When wanting to connect I/O to another device within proximity of the I/O modules, no extra terminal blocks are necessary when using the **ZIPLink** Pigtail Cables. **ZIPLink** Pigtail Cables are prewired to an I/O terminal block with color-coded pigtail with soldered-tip wires on the other end.



Using the I/O Modules to 3rd Party Devices selector tables located in this section,

1. Locate your PLC I/O module
2. Select a **ZIPLink** Pigtail Cable that is compatible with your 3rd party device.

### **Solution 3: GS Series and DuraPulse Drives Communication Cables**

Need to communicate via Modbus RTU to a drive or a network of drives?

**ZIPLink** cables are available in a wide range of configurations for connecting to PLCs and SureServo, SureStep, Stellar Soft Starter and AC drives. Add a **ZIPLink** communications module to quickly and easily set up a multi-device network.

Using the Drives Communication selector tables located in this section,

1. Locate your Drive and type of communications
2. Select a **ZIPLink** cable and other associated hardware.



# ZIPLINK<sup>®</sup> Wiring Solutions

AUTOMATIONDIRECT<sup>®</sup>

## Solution 4: Serial Communications Cables

ZIPLink offers communications cables for use with DirectLOGIC, CLICK, and Productivity CPUs, that can also be used with other communications devices. Connections include a 6-pin RJ12 or 9-pin, 15-pin and 25-pin D-sub connectors which can be used in conjunction with the RJ12 or D-Sub feedthrough modules.

Using the Serial Communications Cables selector table located in this section,

1. Locate your connector type
2. Select a cable.



## Solution 5: Specialty ZIPLink Modules

For additional application solutions, ZIPLink modules are available in a variety of configurations including stand-alone relays, 24VDC and 120VAC transorb modules, D-sub, RJ12 and RJ45 feedthrough modules, communication port adapter and distribution modules, and SureServo 50-pin I/O interface connection.

Using the ZIPLink Specialty Modules selector table located in this section,

1. Locate the type of application
2. Select a ZIPLink module.



## Solution 6: ZIPLink Connector Modules to 3rd Party Devices

If you need a way to connect your device to terminal blocks without all that wiring time, then our pigtail cables with color coded soldered tip wires are a good solution. Used in conjunction with any compatible ZIPLink Connector Modules, a pigtail cable keeps wiring clean and easy and reduces troubleshooting time.

Using the Universal Connector Modules and Pigtail Cables table located in this section,

1. Select module type
2. Select the number of pins
3. Select cable.

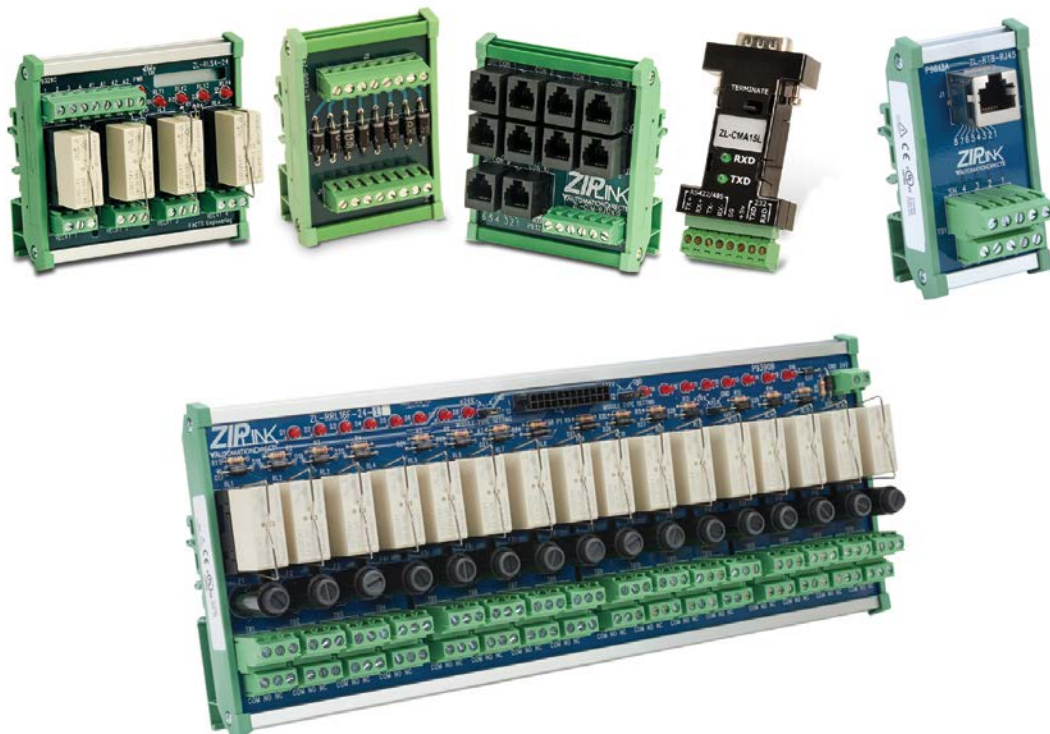




# Specialty Modules

ZIPLink Specialty Modules Selector			
ZIPLink			
Module	Type	Module Part No.	Cable Part No. (optional)
<b>24VDC Stand-Alone Relay</b>	Single-Socket Relay	<a href="#">ZL-RLS1-24</a>	N/A
	Four Socket-Relay	<a href="#">ZL-RLS4-24</a>	
<b>120VAC Stand-Alone Relay</b>	Single-Socket Relay	<a href="#">ZL-RLS1-120</a>	
	Four-Socket Relay	<a href="#">ZL-RLS4-120</a>	
<b>250V AC/DC Max.</b>	16-point, Fused Block	<a href="#">ZL-FUSE-16</a>	
<b>24VDC Transorb</b>	8-Channel	<a href="#">ZL-TSD8-24</a>	
<b>120VAC Transorb</b>	8-Channel	<a href="#">ZL-TSD8-120</a>	
<b>240V AC/DC Max.</b>	40-Point Power/Common	<a href="#">ZL-RTB-COM</a>	
<b>D-Sub Feedthrough</b>	9-pin Male & Female D-Subs to Terminal Blocks	<a href="#">ZL-RTB-DB09</a>	<a href="#">ZL-DB9-CBL-2</a>
	15-pin Male & Female D-Subs to Terminal Blocks	<a href="#">ZL-RTB-DB15</a>	<a href="#">ZL-DB15-CBL-2</a>
	25-pin Male & Female D-Subs to Terminal Blocks	<a href="#">ZL-RTB-DB25</a>	<a href="#">ZL-DB25-CBL-2</a>
<b>RJ12 Feedthrough</b>	6-pin RJ12 to Terminal Block	<a href="#">ZL-RTB-RJ12</a>	<a href="#">ZL-RJ12-CBL-2</a>
<b>RJ45 Feedthrough</b>	8-pin RJ45 to Terminal Block	<a href="#">ZL-RTB-RJ45</a>	N/A
<b>Comm Port Adapters</b>	15-pin HD D-Sub to Terminal Block	<a href="#">ZL-CMA15</a>	
	15-pin HD D-Sub to Terminal Block with LED Indicators	<a href="#">ZL-CMA15L</a>	
<b>Comm Distribution</b>	4-Port RJ12 to Terminal Block	<a href="#">ZL-CDM-RJ12X4</a>	
	10-Port RJ12 to Terminal Block	<a href="#">ZL-CDM-RJ12X10</a>	
<b>Feedthrough Module (SureServo I/O)</b>	50-pin to Terminal Blocks	<a href="#">ZL-RTB50</a>	<a href="#">ZL-SVC-50CBL *</a>

\* Select the cable length by replacing the \* with: Blank = 0.5m, -1 = 1.0m, or -2 = 2.0m





# Connector Modules to 3rd Party Devices

ZIPLink Connector Modules to 3rd Party Devices Selector			
ZIPLink			
Module	Type	Module Part No.	Pigtail Cable Part No. (optional)
<b>Feedthrough Connector</b>	24-pin to Terminal Blocks	<a href="#">ZL-RTB20</a> <a href="#">ZL-RTB20-1</a>	<a href="#">ZL-CBL24-1P</a> <a href="#">ZL-CBL24-2P</a>
	40-pin to Terminal Blocks	<a href="#">ZL-RTB40</a> <a href="#">ZL-RTB40-1</a>	<a href="#">ZL-CBL40-1P</a> <a href="#">ZL-CBL40-2P</a>
	50-pin to Terminal Blocks	<a href="#">ZL-RTB50</a>	<a href="#">ZL-CBL50-1P</a> <a href="#">ZL-CBL50-2P</a>
<b>Fuse</b>	16-Fuse, 24-pin	<a href="#">ZL-RFU20</a>	<a href="#">ZL-CBL24-1P</a> <a href="#">ZL-CBL24-2P</a>
	32-Fuse, 40-pin	<a href="#">ZL-RFU40</a>	<a href="#">ZL-CBL40-1P</a> <a href="#">ZL-CBL40-2P</a>
<b>24VDC Powered Relay</b>	16-Relay, Sinking, 24-pin	<a href="#">ZL-RRL16-24-1</a> <a href="#">ZL-RRL16F-24-1</a> <a href="#">ZL-RRL16W-24-1</a>	<a href="#">ZL-CBL24-1P</a> <a href="#">ZL-CBL24-2P</a>
	16-Relay, Sourcing, 24-pin	<a href="#">ZL-RRL16-24-2</a> <a href="#">ZL-RRL16F-24-2</a> <a href="#">ZL-RRL16W-24-2</a>	<a href="#">ZL-CBL24-1P</a> <a href="#">ZL-CBL24-2P</a>
<b>Sensor Input</b>	16-Point with LEDs	<a href="#">ZL-LTB16-24-1</a>	<a href="#">ZL-CBL24-1P</a> <a href="#">ZL-CBL24-2P</a>
	32-Point with LEDs	<a href="#">ZL-LTB32-24-1</a>	<a href="#">ZL-CBL40-1P</a> <a href="#">ZL-CBL40-2P</a>
<b>D-Sub Feedthrough</b>	9-pin D-Sub to Terminal Block	<a href="#">ZL-RTB-DB09</a>	<a href="#">ZL-DB9F-CBL-2P</a>
			<a href="#">ZL-DB9F-CBL-5P</a>

