

Step 1	Locate the I/O module part number.
Step 2	Locate Connector Module Type. (Feedthrough Module, Fuse Module, etc...)
Step 3	Select the cable length by replacing the # symbol with: Blank = 0.5m, -1 = 1.0m, -2 = 2.0m ¹
¹ Note: Cable part number denotes compatibility between Connector Module and I/O Modules.	

ZipLink Wiring System Compatibility Matrix for Productivity3000									
Step 2: Connector Module Type		Feedthrough Modules		Fuse Modules		Relay Modules	Sensor Input Modules		Pigtail Cable
Step 1: I/O Module	Number of Terminals	ZL-RTB20	ZL-RTB40	ZL-RFU20	ZL-RFU40	ZL-RRL16-24	ZL-LTB16-24	ZL-LTB32-24	
Step 3: Cables									
Inputs									
P3-08NAS	20	ZL-P3-CBL20#							ZL-P3-CBL20-#P
P3-08ND3S	20	ZL-P3-CBL20#							ZL-P3-CBL20-#P
P3-16NA	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-16ND3	20	ZL-P3-CBL20-#L					ZL-P3-CBL20-#L		ZL-P3-CBL20-#P
P3-32ND3	40		ZL-CBL40#					ZL-CBL40#	
P3-64ND3*	40		ZL-CBL40#					ZL-CBL40#	
Outputs									
P3-08TAS	20	ZL-P3-CBL20#							ZL-P3-CBL20-#P
P3-08TD1S	20								ZL-P3-CBL20-#P
P3-08TD2S	20								ZL-P3-CBL20-#P
P3-08TRS	20	ZL-P3-CBL20#							ZL-P3-CBL20-#P
P3-16TA	20	ZL-P3-CBL20#							ZL-P3-CBL20-#P
P3-16TD1	20	ZL-P3-CBL20#		ZL-P3-CBL20#		ZL-P3-CBL20#			ZL-P3-CBL20-#P
P3-16TD2	20	ZL-P3-CBL20#		ZL-P3-CBL20#					ZL-P3-CBL20-#P
P3-16TR	20	ZL-P3-CBL20#		ZL-P3-CBL20#					ZL-P3-CBL20-#P
P3-08TRS-1***	20	ZL-P3-CBL20#		ZL-P3-CBL20#					ZL-P3-CBL20-#P
P3-32TD1	40		ZL-CBL40#		ZL-CBL40#				
P3-32TD2	40		ZL-CBL40#		ZL-CBL40#				
P3-64TD1*	40		ZL-CBL40#		ZL-CBL40#				
P3-64TD2*	40		ZL-CBL40#		ZL-CBL40#				
Analog In									
P3-04ADS	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-08AD	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-16AD-1	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-16AD-2	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-08RTD**	Matched Only								
P3-08THM**	T/C Wire Only								
Analog Out									
P3-04DA	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-08DA-1	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-08DA-2	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-06DAS-1	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-06DAS-2	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-16DA-1	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-16DA-2	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
Analog Combo									
P3-8AD4DA-1	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P
P3-8AD4DA-2	20	ZL-P3-CBL20-#L							ZL-P3-CBL20-#P

*The P3-64ND3, P3-64TD1, and P3-64TD2 modules have two 32-point connectors and require 2 ZIPLink cables and 2 ZIPLink connector modules.

**These modules are not supported by the ZIPLink wiring system.

***The P3-08TRS-1 output module is derated, not to exceed 2A per point maximum when used with the ZIPLink wiring system.

AutomationDirect PLCs and ZILinks



Modules



ZL-RTB20

ZL-RTB40

ZL-RTB50

Feedthrough modules provide low-cost and compact field wiring screw termination solutions for quickly connecting Link cables with PLCs.



ZL-RFU20

ZL-RFU40

Fuse modules provide fuse protection for PLC output devices. The 16 and 32-point fuse modules include replaceable fuses and protective safety covers.



ZL-RRL16-24

Our DC-powered relay module provides isolation, switches high current (10A) loads, is offered in 16 points, and includes diode protection to prevent voltage spikes at the relay coil from damaging connected PLC I/O



ZL-LTB16-24

ZL-LTB32-24

LED modules provide simple and logical termination for 3-wire sensors or other devices. These modules offer visual LED indication of device input status for quick troubleshooting. The LED/sensor modules are available in 16 and 32-point versions.



ZL-RLS1-24

ZL-RLS4-24

24 VDC stand-alone relay modules use plug-in relays for switching high current (10A) loads.



ZL-RLS1-12

ZL-RLS4-120

120 VAC Stand alone relay modules use plug-in relays for switching high current (10A) loads.



ZL-RTB-DB09

ZL-RTB-DB15

ZL-RTB-DB25

These connector modules provide a fast and convenient method of transitioning between D-Sub connectors and field wiring devices.



ZL-RTB-RJ12

The RJ12 feedthrough module provides convenient break-out of wiring to terminal blocks.



ZL-TSD8-24

ZL-TSD8-120

8-channel devices used to suppress counter-electromotive force (CEMF) generated by switching inductive loads which can cause unexpected PLC system shutdown.



ZL-CDM-RJ12X4

ZL-CDM-RJ12X10

The RJ12 multi-port distribution modules allow for fast and convenient RS485 multi-drop connections.



ZL-CMA15L

ZL-CMA15

Communication adaptors eliminate the hassle associated with connecting crimp or solder connectors to PLC communication ports.

Modules mount on 35 mm DIN rail part # DN-R35S1.

See Accessories on page 28-79)

Cables

ZILink cables are available in a number of pre-wired and ready-to-wire configurations that accommodate the majority of our **DirectLOGIC** and **CLICK** PLC discrete I/O modules.

- Pre-wired • Ready-to-wire • D-Subminiature • and more!



ZIPLink Five-second PLC wiring system

Cut your PLC wiring time down to minutes instead of hours!

The ZIPLink system eliminates the normally tedious process of wiring PLC I/O to terminal blocks. Simply plug one end of a ZIPLink cable into a DirectLOGIC or CLICK I/O module and the other end into a ZIPLink connector module. It's that easy! ZIPLinks use half the space, at a fraction of the total cost of terminal blocks.

ZIPLinks are available in a variety of styles to suit your needs. Some are designed exclusively for DirectLOGIC and CLICK PLCs, while others may be used with various PLC brands. ZIPLinks are available for our most popular discrete and analog input and output PLC I/O modules.

DirectLOGIC and CLICK PLCs: Whether you want the ability to quickly wire simple point-to-point connections, or the ability to fuse, switch, or isolate your outputs, or the convenience of LED device status indication for monitoring your inputs, we have a ZIPLink module that is right for you.

Other PLC brands: Use ZIPLink "pigtail" cables and connector modules to wire to most brands of PLCs or controllers. These cables are supplied with a "plug and play" connector on one end, and an unwired, color-coded wire bundle on the other end for user connection to the PLC or controller terminal block.

D-subminiature connectors: For PLCs, controllers, operator interfaces, or other devices utilizing D-subminiature connectors, we have standard ZIPLink cables and connector modules in 9, 15, and 25-pin male/female configurations for fast, convenient wiring.



Specialty ZIPLink connector modules: Got an RJ12 connector that you need to wire to? Use our RJ12 connector module. Need just a couple of additional relays in your PLC system? Try our relay modules. Having PLC problems due to transient noise generated from switching inductive loads? Try our transorb diode modules to clear up those problems fast.

Specify your ZIPLink system

Step 1:

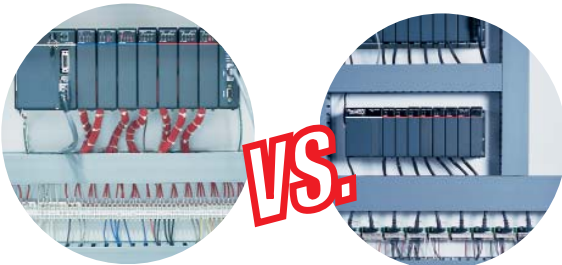
Locate the I/O module part number.

Use the Compatibility Matrix chart on pages 28-62 through 28-67 to locate the I/O module part number. (Note that discrete high current and RTD/THM modules are not supported by ZIPLinks and must be traditionally wired using terminal blocks such as DINnectors.)

Step 2:

Locate compatible connector module types.

Use the cable numbers to locate compatible connector modules.



Hand-wire and connect each individual wire, over and over for each module

Which way would you like to do your wiring?

Step 3:

Determine which type of connector module

Select the connector module type; feed-through, fuse, LED, etc.

Step 4:

Select cable length.

Select the cable length by replacing the # symbol with: blank = 0.5m, -1=1.0m, -2=2.0m

Step 5:

Place your order!

Pop on a ZIPLink and be done in seconds!

Company Info.

PLCs

Field I/O

Software

C-more & other HMI

AC Drives

AC Motors

Power Transmiss.

Steppers/ Servos

Motor Controls

Proximity Sensors

Photo Sensors

Limit Switches

Encoders

Current Sensors

Pressure Sensors

Temp. Sensors

Pushbuttons/ Lights

Process

Relays/ Timers

Comm.

Terminal Blocks & Wiring

Power

Circuit Protection

Enclosures

Tools

Pneumatics

Appendix

Part Index