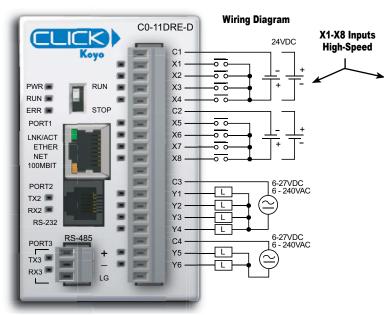
Ethernet Standard PLC

CO-11DRE-D \$195.00

8 DC Input/6 Relay Output Micro PLC





24 VDC

C1

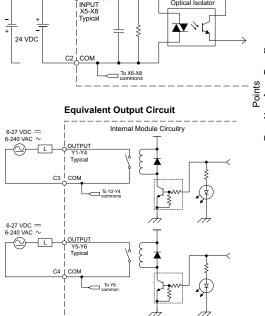
NOTE: When using Ethernet Standard PLCs, you must use CLICK programming software version V2.00 or later.

Optical Isolato

Equivalent Input Circuit

To X2-X4

Internal Module Circuitry



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ZL-RTB20 20-pin feed-through connector module

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Built-in I/O Specifications - Inputs				
Inputs per Module	8 (Sink/Source)			
Operating Voltage Range	24VDC			
Input Voltage Range	21.6-26.4 VDC			
Input Current	Typ 6.5 mA @ 24VDC			
Maximum Input Current	7.0 mA @ 26.4 VDC			
Input Impedance	3.9 kΩ @ 24VDC			
Maximum Input Frequency	X1-X8: 100kHz			
ON Voltage Level	> 19VDC			
OFF Voltage Level	< 2VDC			
Minimum ON Current	4.5 mA			
Maximum OFF Current	0.5 mA			
OFF to ON Response	Typ 3µs Max 5µs			
ON to OFF Response	Typ 1µs Max 3µs			
Status Indicators	Logic Side (8 points, green LED)			
Commons	2 (4 points/common) Isolated			

Built-in I/O Specifications - Outputs				
Outputs per Module	6			
Operating Voltage Range	6-240 VAC (47-63 Hz), 6-27 VDC			
Output Voltage Range	5-264 VAC (47-63 Hz), 5-30 VDC			
Output Type	Relay, form A (SPST)			
Maximum Current	1 A/point; C3: 4 A/common, C4: 2 A/common			
Minimum Load Current	5mA @ 5VDC			
Maximum Inrush Current	3A for 10ms			
OFF to ON Response	< 15ms			
ON to OFF Response	< 15ms			
Status Indicators	Logic Side (6 points, red LED)			
Commons	2 (4 points/com & 2 points/com) Isolated			

General Specifications				
Current Consumption at 24VDC 140mA				
Terminal Block Replacement Part No.	<u>C0-16TB</u>			
Drawing Link	<u>PDF</u>			
Weight	5.6 oz (160g)			

Typical Relay Life (Operations) at Room Temperature				
Voltage & Load Type	Relay Life*			
30VDC 1A Resistive	300,000 cycles			
30VDC 1A Solenoid	50,000 cycles			
250VAC 1A Resistive	500,000 cycles			
250VAC 1A Solenoid	200,000 cycles			

*ON to OFF = 1 cycle

ZIPLink Pre-Wired PLC Connection Cables and Modules for CLICK PLC

20-pin connector cable ZL-C0-CBL20 (0.5 m length) ZL-C0-CBL20-1 (1.0 m length) ZL-C0-CBL20-2 (2.0 m length)



CLICK PLC Specifications

General Specifications For All CLICK PLC Products

These general specifications apply to all CLICK PLCs and optional power supply products. Please refer to the appropriate I/O temperature derating charts under both the PLC and I/O module specifications to determine best operating conditions based on the ambient temperature of your particular application.

General Specifications				
Operating Temperature	Analog, analog combo I/O modules only: 32°F to 140°F (0°C to 60°C); All other modules: 32°F to 131°F (0°C to 55°C), IEC 60068-2-14 (Test Nb, Thermal Shock)			
Storage Temperature	-4°F to 158°F (-20°C to 70°C) IEC 60068-2-1 (Test Ab, Cold) IEC 60068-2-2 (Test Bb, Dry Heat) IEC 60068-2-14 (Test Na, Thermal Shock)			
Ambient Humidity	30% to 95% relative humidity (non–condensing)			
Environmental Air	No corrosive gases. Environmental pollution level is 2 (UL840)			
Vibration	MIL STD 810C, Method 514.2, EC60068-2-27, Category [f], Procedure[VIII] JIS C60068-2-27 (Sine wave vibration test)			
Shock	MIL STD 810C, Method 516.2, IEC60068-2-27, JIS C60068-2-27, Category [f], Procedure[VIII]			
Noise Immunity	<en61131-2> EN61000-4-2 (ESD) EN61000-4-3 (RFI) EN61000-4-4 (FTB) EN61000-4-5 (Surge) EN61000-4-6 (Conducted) EN61000-4-8 (Power frequency magnetic field immunity) <local test=""> Impulse noise 1µs, 1000V RFI: No interference measured at 150 and 450 MHz (5w/15cm)</local></en61131-2>			
Emissions	EN55011:1998 Class A; EN61000-6-4:2007+A1:2011			
Agency Approvals	UL508, UL61010-2-201 (File No. E157382, E316037); CE (EN61131-2); CUL Canadian C22.2			
Other	RoHS 2011/65/EU Amendment (EU)2015/863			

CLICK PLC Specifications

PLC Unit Specifications

Basic, Standard and Analog PLC Unit Specifications					
	Basic PLC	Standard PLC	Analog PLC		
Control Method	Stored Program/Cyclic execution method	Stored Program/Cyclic execution method	Stored Program/Cyclic execution method		
I/O Numbering System	Fixed in Decimal	Fixed in Decimal	Fixed in Decimal		
Ladder Memory (steps)	8000	8000	8000		
Total Data Memory (words)	8000	8000	8000		
Contact Execution (Boolean)	< 0.6 us	< 0.6 us	< 0.6 us		
Typical Scan (1K Boolean)	1-2 ms	1-2 ms	1-2 ms		
RLL Ladder Style Programming	Yes	Yes	Yes		
Run Time Edits	No	No	No		
Scan	Variable / fixed	Variable / fixed	Variable / fixed		
CLICK Programming Software for Windows	Yes	Yes	Yes		
Built-in Communication Ports	Yes (two RS-232 ports)	Yes (two RS-232 ports and one RS-485 port)	Yes (two RS-232 ports and one RS-485 port)		
Protocols	Protocols: I	Modbus RTU (master/slave) and AS	SCII (in/out)		
FLASH Memory	Standard on PLC	Standard on PLC	Standard on PLC		
Built-in Discrete I/O points	8 inputs, 6 outputs	8 inputs, 6 outputs	4 inputs, 4 outputs		
Built-in Analog I/O Channels	No	No	2 inputs, 2 outputs		
Number of Instructions Available	21	21	21		
Control Relays	2000	2000	2000		
System Control Relays	1000	1000	1000		
Timers	500	500	500		
Counters	250	250	250		
Interrupts	Yes (external: 8 / timed: 4)	Yes (external: 8 / timed: 4)	Yes (external: 4 / timed: 4)		
Subroutines	Yes	Yes	Yes		
For/Next Loops	Yes	Yes	Yes		
Math (Integer and Hex)	Yes	Yes	Yes		
Drum Sequencer Instruction	Yes	Yes	Yes		
Internal Diagnostics	Yes	Yes	Yes		
Password Security	Yes	Yes	Yes		
System Error Log	Yes	Yes	Yes		
User Error Log	No	No	No		
Memory Backup	Super Capacitor	Super Capacitor + Battery	Super Capacitor + Battery		
Battery Backup	No	Yes (battery sold separately; part # <u>D2-BAT-1</u>)	Yes (battery sold_separately; part # <u>D2-BAT-1</u>)		
Calendar/Clock	No	Yes	Yes		
I/O Terminal Block Replacement	AutomationDirect p/n C0-16TB	AutomationDirect p/n C0-16TB	AutomationDirect p/n C0-16TB		
Communication Port & Terminal Block Replacement	N/A	AutomationDirect p/n C0-3TB	AutomationDirect p/n C0-3TB		
24VDC Power Terminal Block Replacement	AutomationDirect p/n C0-4TB	AutomationDirect p/n <u>C0-4TB</u>	AutomationDirect p/n <u>C0-4TB</u>		

CLICK PLC Specifications

PLC Unit Specifications (continued)

Ethernet Basic, Standard and Analog PLC Unit Specifications					
	Ethernet Basic PLC	Ethernet Standard PLC	Ethernet Analog PLC		
Control Method	Stored Program/Cyclic execution method	Stored Program/Cyclic execution method	Stored Program/Cyclic execution method		
I/O Numbering System	Fixed in Decimal	Fixed in Decimal	Fixed in Decimal		
Ladder Memory (steps)	8000	8000	8000		
Total Data Memory (words)	8000	8000	8000		
Contact Execution (Boolean)	< 0.2 µs	< 0.2 µs	< 0.2 µs		
Typical Scan (1K Boolean)	< 1ms	< 1ms	< 1ms		
RLL Ladder Style Programming	Yes	Yes	Yes		
Run Time Edits	Yes	Yes	Yes		
Scan	Variable / fixed	Variable / fixed	Variable / fixed		
CLICK Programming Software for Windows	Yes	Yes	Yes		
Built-in Communication Ports	Yes (one Ethernet port and one RS-232 port)	Yes (one Ethernet port, one RS-232 port and one RS-485 port)	Yes (one Ethernet port, one RS-232 port and one RS-485 port)		
Protocols	Modbus RTU (master/slave) and ASCII (in/out), Modbus TCP (client/server), EtherNe	t/IP Implicit and Explicit (adapter server)		
FLASH Memory	Standard on PLC	Standard on PLC	Standard on PLC		
Built-in Discrete I/O points	8 inputs, 6 outputs	8 inputs, 6 outputs	4 inputs, 4 outputs		
Built-in Analog I/O Channels	No	No	2 or 4 inputs; 2 outputs		
Number of High-Speed Input Points	4	8	4		
Number of High-Speed Counters	4	6	4		
PID Control Loops	8	8	8		
Number of Instructions Available	21	21	21		
Control Relays	2000	2000	2000		
System Control Relays	1000	1000	1000		
Timers	500	500	500		
Counters	250	250	250		
Interrupts	Yes (external: 8 / timed: 4)	Yes (external: 8 / timed: 4)	Yes (external: 4 / timed: 4)		
Subroutines	Yes	Yes	Yes		
For/Next Loops	Yes	Yes	Yes		
Math (Integer and Hex)	Yes	Yes	Yes		
Drum Sequencer Instruction	Yes	Yes	Yes		
Internal Diagnostics	Yes	Yes	Yes		
Password Security	Yes	Yes	Yes		
System Error Log	Yes	Yes	Yes		
User Error Log	No	No	No		
Memory Backup	Super Capacitor + Battery	Super Capacitor + Battery	Super Capacitor + Battery		
Battery Backup	Yes (battery part # D2-BAT-1)	Yes (battery part # D2-BAT-1)	Yes (battery part # D2-BAT-1)		
Calendar/Clock	Yes	Yes	Yes		
I/O Terminal Block Replacement	AutomationDirect p/n C0-16TB	AutomationDirect p/n C0-16TB	AutomationDirect p/n C0-16TB		
Communication Port & Terminal Block Replacement	N/A	AutomationDirect p/n C0-3TB	AutomationDirect p/n C0-3TB		
24VDC Power Terminal Block Replacement	AutomationDirect p/n C0-4TB	AutomationDirect p/n C0-4TB	AutomationDirect p/n C0-4TB		

CLICK Specifications

CLICK PLC Hardware/Software Compatibility

CLICK PLCs require a minimum software version of v2.50 for the PID function. The table below shows the most recent software and hardware versions required for the High-Speed input operation capability to be accessible.

C0-00DD1-D C0-00DD2-D C0-00DR-D C0-00AR-D C0-01DD1-D C0-01DD2-D	Hardware v1.00	Minimum High-Speed Inputs N/A	CLICK Software Vo	ersion PID	DHCP
C0-00DD1-D C0-00DD2-D C0-00DR-D C0-00AR-D C0-01DD1-D			EtherNet/IP	PID	DHCP
C0-00DD2-D C0-00DR-D C0-00AR-D C0-01DD1-D	v1.00	N/A			
<u>C0-00DR-D</u> <u>C0-00AR-D</u> <u>C0-01DD1-D</u>	v1.00	N/A			
<u>C0-00AR-D</u> <u>C0-01DD1-D</u>	V1.00	IN/A	NI/A	N/A	N/A
<u>C0-01DD1-D</u>			N/A	IN/A	IN/A
C0_01DD2_D					
<u> </u>	v1.20	N/A	N/A	N/A	N/A
<u>C0-01DR-D</u>	V1.20	IN/A	IN/A	IN/A	
<u>C0-01AR-D</u>					
C0-02DD1-D (before SN 171208001)	v1.12				
C0-02DD1-D (after SN 171208001)	v2.10				
C0-02DD2-D (before SN 174018001)	v1.12	N/A	N/A	N/A	N/A
<u>C0-02DD2-D</u> (after SN 174018001)	v2.10	IN/A	IN/A	N/A	N/A
<u>C0-02DR-D</u> (before SN 173158001)	v1.12	v1.12			
<u>C0-02DR-D</u> (after SN 173158001)					
	Ethernet CPUs re	quire v2.40 for EtherNet/II	P communications	1	Т
<u>C0-10DD1E-D</u>					
	v2.00	v2.30	v2.40	v2.50	v3.00
					70.00
<u>C0-10ARE-D</u>		N/A			
<u>C0-11DD1E-D</u>	v2.00	v2.30	v2.40	v2.50	v3.00
		N/A			
			0 v2.40	v2.50	v3.00
		N/A			
		v2.30			
	v2 20				
		N/A			
		v2.30			
		N/A			
	v1.20				
		<u> </u>			
		N/A	N/A	N/A	N/A
	V1.40				
	4.00	_			
	C0-02DD1-D (after SN 171208001) C0-02DD2-D (before SN 174018001) C0-02DD2-D (after SN 174018001) C0-02DR-D (before SN 173158001) C0-02DR-D (after SN 173158001) C0-02DR-D (after SN 173158001) C0-10DD1E-D C0-10DD2E-D C0-10DRE-D C0-10ARE-D	CO-02DD1-D (after SN 171208001) V2.10 CO-02DD2-D (before SN 174018001) v1.12 CO-02DD2-D (after SN 174018001) v2.10 CO-02DR-D (before SN 173158001) Ethernet CPUs residue CO-10DD1E-D CO-10DD2E-D CO-10DD2E-D CO-10DD2E-D CO-11DD1E-D CO-11DD2E-D CO-11DRE-D CO-12DD1E-D CO-12DD2E-D CO-12DD2E-D CO-12DD2E-D CO-12DD1E-1-D CO-12DD1E-1-D CO-12DD1E-1-D CO-12DD1E-2-D CO-12DD1E-2-D CO-12DD1E-2-D CO-12DD1E-2-D CO-12DD2E-2-D CO-12DD2E-2-D CO-12DD1E-2-D CO-12DRE-2-D CO-16NE3 V1.20 CO-16NE3 CO-04AD-1 CO-04DA-2 CO-04AD2DA-1 CO-04AD2DA-2 CO-04AD2DA-1 CO-04CD-1 CO-06CDD1 CO-16CDD2 V1.40 CO-16CDD2 CO-16CDD2 CO-16CDD2 CO-16CDD2 C	C0-02DD1-D (after SN 171208001) V2.10	CO-02DD1-D (after SN 171208001) V2.10	C0-02DD1-D (after SN 171208001) V2.10

CLICK PLC Family Overview

What you'll need

Of course, what you'll need for your system depends on your particular application, but this overview shows you what you'll need for a simple system.

1. Select your CLICK or CLICK PLUS PLC unit.



2. If using a CLICK PLUS PLC, select an Option Slot Module if desired.



3. If you need additional I/O, select from 24 different types of Stackable I/O modules.



4. Select a 24VDC power supply.



5. Download the FREE CLICK programming software. support.automationdirect.com/products/clickplcs.html



6. Download the FREE CLICK mobile app.
The CLICK mobile app is available for iOS and
Android. It can connect to your C2-02CPU or
C2-03CPU over Bluetooth to provision the PLC
onto a Wi-Fi network. (PLC requires an external
antenna)





CLICK PLC Family Overview

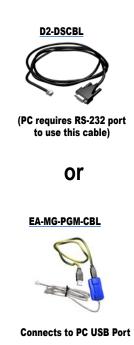
What you'll need (continued)

7. Select your PC-to-PLC programming cable.

If your PC has a USB port, use cable <u>EA-MG-PGM-CBL</u> to connect to the PLC port. If your PC has a 9-pin serial communications port, use programming cable <u>D2-DSCBL</u>. If your PC has an Ethernet port, use <u>C5E-STPYL-C3</u> (crossover) or <u>C5E-STPYL-S3</u> (straight through) Ethernet cable. If your PC is on a network with a wireless access point, you can connect using one of our Wi-Fi anteannas.







8. Select tools, wire, and provide power.



Power Supplies

Power Supplies

The CLICK PLC family offers two 24VDC power supplies. They are identical except for the output

It is not mandatory to use one of these CLICK power supplies for the CLICK/CLICK PLUS PLC system. You can use any other 24VDC power supply that Automationdirect.com offers, including the PSP24-DC12-1 12 to 24 VDC converter shown below.

CO-00AC Power Supply

Limited auxiliary AC power supply allows you to power the 24VDC CLICK CO and C2 series PLCs with 100-240 VAC supply power. The 0.5 A DC power supply is capable of controlling the PLC plus a limited configuration based on the power budget of each I/O module. The CO-00AC is a low-cost solution for applications requiring only minimal I/O and power consumption. This power supply will not support a fully-populated CLICK PLC system with all possible I/O module combinations.

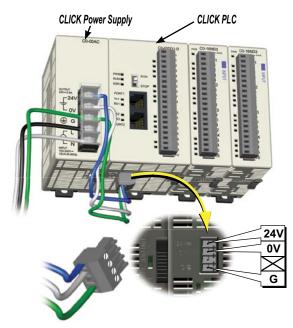
CO-01AC Power Supply

Expanded auxiliary AC power supply allows you to power the 24VDC CLICK CO and C2 series PLCs with 100-240 VAC supply power. The 1.3 A DC power supply is capable of supporting a fullypopulated CLICK PLC system with all possible I/O module

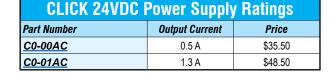
combinations, with no concerns for exceeding the power budget.

PSP24-DC12-1 DC-DC Converter

With this DC-DC converter you can operate the CLICK/CLICK PLUS PLC with 12VDC input power.



24VDC power is supplied to the PLC unit through wiring connected from the power supply output to the 4-pin 24VDC input connector located on the bottom of the PLC unit.



Part Number	<u>CO-00AC</u>	<u>CO-01AC</u>
Input Voltage Range	85–26	4 VAC
Input Frequency	47–6	63 Hz
Input Current (typical)	0.3 A @ 100VAC, 0.2 A @ 200VAC	0.9 A @ 100V 0.6 A @ 200V
Inrush Current	30	ÒΑ
Efficiency	80% t	ypical

CO-OOAC Power Supply Output Specs					
Part Number	<u>CO-00AC</u>	<u>CO-01AC</u>			
Output Voltage Range	23–25 VDC				
Output Current	0.5 A 1.3 A				
Ripple	200mV p-p max (0-55°C)				
Ripple Noise	300mV p-p max (0-55°C)				
Over Current Protection	@ 0.65 A	@ 1.6 A			
Over Current Protection	(automatic recovery)	(automatic recovery)			
Over Voltage Protection	@ 27.6 V (clamped by Zener diode)				
Start-up Time	1000ms max at rated input and load				
Hold-up Time	10ms minimum	at 85VAC, I=max			

CO-00AC Power Supply General Specs				
Part Number	<u>CO-00AC</u>	<u>CO-01AC</u>		
Ambient Operating Temperature	32–131°F [0–55°C]			
Storage Temperature	-4–158°F [[-20-70°C]		
Humidity	30–95%, nor	n-condensing		
Vibration Resistance	JIS C60068-2-6, s	ine wave vibration		
Shock Resistance	JIS C60068-2-27			
Voltage Withstand Input-Output Input-Ground Output-Ground	1500VAC, 5mA cutoff current 1500VAC, 5mA cutoff current 500VAC, 5mA cutoff current			
Insulation Resistance Input-Output Input-Ground Output-Ground	10M Ω minimum, 500VDC 10M Ω minimum, 500VDC 5M Ω minimum, 500VDC			
Noise Immunity	FCC Class A, EN55022:1998 Class A			
Input/Output Interface	5P terminal block, Fujicon UF2362AX series or equivalent			
Agency Approvals	UL508, UL1604, EN61010-1 (IEC 1010-1), CAN/CSA E60079-15:02, JIS C0025			
Drawing Link	PDF <u>PDF</u>			
Weight	5.3 oz [150g] 6.0 oz [170g]			





C0-01AC





PSP24-DC12-1

PSP24-DC12-1 DC-DC Converter Specs					
Input Voltage Range	9.5–18 VDC				
Input Power (no load)	1.0 W max.				
Startup Voltage	8.4 VDC				
Undervoltage Shutdown	7.6 VDC				
Output Voltage Range	24–28 VDC (adjustable)				
Output Current	1.0 A				
Short Circuit Protection	Current limited at 110% typical				
Drawing Link	PDF				
Weight	7.5 oz (213g)				

Wiring System for CLICK PLC Family

Wiring Solutions using the **ZIP**Link Wiring System

ZIPLinks eliminate the normally tedious process of wiring between devices by utilizing prewired 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. Prewired cables keep installation clean and efficient, using half the space at a fraction of the cost of standard terminal blocks. **ZIP**Links are available in a variety of styles to suit your needs, including feedthrough connector module. **ZIP**Links are available for all Basic, Standard and Ethernet CLICK PLC units, select

CLICK PLUS option slot modules, and most discrete and analog stackable I/O modules. Pre-printed I/O-specific adhesive label strips for quick marking of *ZIP*Link modules are provided with *ZIP*Link cables.



Solution 1: CLICK PLC, CLICK PLUS PLC with Option Slot Module, and Stackable I/O Modules to ZIPLink Connector Modules

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

Solution 2: CLICK/CLICK PLUS PLC I/O to 3rd Party Devices

When wanting to connect PLC I/O (built-in, option slot module, or stackable) to another device within close proximity, no extra terminal blocks are necessary when using the **ZIP**Link Pigtail Cables. **ZIP**Link Pigtail Cables are prewired to an I/O terminal block with color-coded pigtail with soldered-tip wires on the other end.

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 **ZIP**Link communications module to quickly and easily set up a multi-device network.

Solution 4: Serial Communications Cables

ZIPLink offers communications cables for use with CLICK PLCs and select CLICK PLUS PLCs that can also be used with other communications devices. Connections include a 6-pin RJ12 connector which can be used in conjunction with the RJ12 Feedthrough module.

Use the "CLICK PLC PLC Unit **ZIP**Link Selector" table and CLICK I/O **ZIP**Link selector tables located in this section:

- Locate your PLC or I/O module.
- Select a **ZIP**Link Module.
- Select a corresponding **ZIP**Link Cable.

Use the I/O Modules to 3rd Party Devices selector tables located in the **ZIP**Link section:

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



Use the Drives Communication selector tables located in the **ZIP**Link section:

- Locate your Drive and type of communications.
- Select a **ZIP**Link cable and other associated hardware.





Use the Serial Communications Cables selector table located in the *ZIP*Link section:

- · Locate your connector type
- · Select a cable.





CLICK PLC & CLICK PLUS Option Slot <i>ZIP</i> Link Selector						
PLC or Option Slot Module			COLOI	ZIPLink		
CLICK PLC Unit	CLICK PLUS Option Slot Module	# of Terms	Component	Module Part No.	Cable Part No.	
C0-00DD1-D	NA					
C0-00DD2-D	NA					
C0-00DR-D	NA					
C0-00AR-D	NA	20		ZL-RTB20,	ZL-C0-CBL20	
C0-01DD1-D	NA	20	Feedthrough	ZL-RTB20-1	*	
C0-01DD2-D	NA]				
C0-01DR-D	NA]				
C0-01AR-D	NA]				
C0-02DD1-D	NA					
C0-02DD2-D	NA	No ZIP Links are available for CLICK Analog PLC units.				
C0-02DR-D	NA	1	TOT CLICK F	Analog PLC un	its.	
C0-10DD1E-D	NA		Feedthrough	ZL-RTB20, ZL-RTB20-1	ZL-C0-CBL20	
C0-10DD2E-D	NA	1				
C0-10DRE-D	NA	1				
C0-10ARE-D	NA					
C0-11DD1E-D	C2-14D1	20				
C0-11DD2E-D	C2-14D2	1				
C0-11DRE-D	C2-14DR	1				
C0-11ARE-D	C2-14AR	1				
C0-12DD1E-D	C2-08D1-4VC			'		
C0-12DD2E-D	C2-08D2-4VC	1				
C0-12DRE-D	C2-08DR-4VC	1				
C0-12ARE-D	C2-08AR-4VC	1				
C0-12DD1E-1-D	C2-08D1-6C	No <i>ZIP</i> Links are available for				
C0-12DD2E-1-D	C2-08D2-6C					
C0-12DRE-1-D	C2-08DR-6C	CLICE	CLICK Etherne			
C0-12ARE-1-D	C2-08AR-6C	CLICK PLUS Option Slot Modules with analog I/O.				
C0-12DD1E-2-D	C2-08D1-6V					
C0-12DD2E-2-D	C2-08D2-6V					
C0-12DRE-2-D	C2-08DR-6V					
C0-12ARE-2-D	C2-08AR-6V					
NA	C2-DCM	CLIC	No ZIP Link CPLUS Option S	s are available Slot Communic		

Table Notes:

- * Select the cable length by replacing the * with: Blank = 0.5 m, -1 = 1.0 m, or -2 = 2.0 m.
- 1 Note: The <u>C0-04TRS</u> relay output is derated not to exceed 2A per point maximum when used with the *ZIP*Link wiring system.
- 2 Note: Fuses (5x20 mm) are not included. See Edison Electronic Fuse section for 5x20 mm fuse. S500 and GMA electronic circuit protection is recommended for fast-acting maximum protection. S506 and GMC electronic circuit protection is recommended for time-delay performance. Ideal for inductive circuits. To ensure proper operation, do not exceed the voltage and current rating of the ZIPLink module. ZL-RFU20 = 2A per circuit.

CLICK/CLICK PLUS PLC Discrete Input Module <i>ZIP</i> Link Selector				
I/O Module ZIPLink				
Input Module	# of Terms	Component Module Part No.		Cable Part No.
C0-08SIM		Not supp	oorted by ZIP Link	(
C0-08ND3			ZL-RTB20	<u>ZL-C0-CBL11</u> *
C0-08ND3-1	11	Foodthrough		
C0-08NE3	11	Feedthrough		
C0-08NA				
CO 16NID3	20	Feedthrough	ZL-RTB20	
<u>C0-16ND3</u>	16ND3 20	Sensor	ZL-LTB16-24-1	71 00 001 00 +
CO 16NE2	20	Feedthrough	ZL-RTB20	ZL-C0-CBL20 *
<u>C0-16NE3</u>	20	Sensor	ZL-LTB16-24-1	

CLICK/CLICK PLUS PLC Discrete Output Module <i>ZIP</i> Link Selector				
I/O Module ZIPLink				
Output Module	# of Terms	Component	Module Part No.	Cable Part No.
<u>C0-08TD1</u>				
<u>C0-08TD2</u>	11	Feedthrough	ZL-RTB20	ZL-C0-CBL11 *
<u>C0-08TR</u>				
C0-08TR-3		Not supp	orted by ZIP Link	(
C0-08TA				
		Feedthrough	ZL-RTB20	
<u>C0-16TD1</u>	20	Fuse	ZL-RFU20 2	ZL-C0-CBL20*
20	Relay (sinking)	<u>ZL-</u> RRL16-24-1	<u>ZL-00-0BLZ0</u>	
	20	Feedthrough	ZL-RTB20	ZL-C0-CBL20*
<u>C0-16TD2</u>		Fuse	ZL-RFU20 2	
		Relay (sourcing)	<u>ZL-</u> RRL16-24-2	
C0-04TRS1	20	Feedthrough	ZL-RTB20	ZL-C0-CBL20*
C0-04TRS-10	Not supported by ZIP Link			

CLICK/CLICK PLUS PLC Combo I/O Module ZIPLink Selector				
I/O Module ZIPLink				
Combo Module	# of Terms	Component	Module Part No.	Cable Part No.
C0-16CDD1 C0-16CDD2	20	Feedthrough	ZL-RTB20	ZL-C0-CBL20 *
C0-08CDR	11	Feedthrough	ZL-RTB20	ZL-C0-CBL11 *

CLICK/CLICK PLUS PLC Analog I/O Module ZIPLink Selector					
I/O Module ZIPLink					
Analog Module	# of Terms	Component Module Cable Part No. Part No.			
C0-04AD-1	11	Feedthrough	ZL-RTB20	ZL-C0-CBL11 *	
C0-04AD-2	11	Feedthrough	ZL-RTB20	ZL-C0-CBL11 *	
C0-04RTD	20	No ZIP Links are available for RTD and			
C0-04THM	11	thermocouple modules.			
C0-04DA-1	11	Feedthrough	ZL-RTB20	ZL-C0-CBL11 *	
C0-04DA-2	11	Feedthrough	ZL-RTB20	ZL-C0-CBL11 *	
C0-4AD2DA-1	20	Feedthrough	ZL-RTB20	ZL-C0-CBL20 *	
C0-4AD2DA-2	20	Feedthrough	ZL-RTB20	<u>ZL-C0-CBL20</u> *	

Accessories

<u>C2-USER-M</u> \$0.00 CLICK PLUS PLC Hardware User Manual

Manual covers all CLICK PLUS PLC and I/O module installation and wiring, specifications, error codes and troubleshooting guide. The CLICK PLUS PLC Hardware User Manual can be downloaded free at the AutomationDirect Web site; www.automationDirect.com



<u>CO-USER-M</u> \$0.00 CLICK PLC Hardware User Manual

Manual covers all CLICK PLC and I/O module installation and wiring, specifications, error codes and troubleshooting guide. The CLICK PLC Hardware User Manual can be downloaded free at the AutomationDirect Web site; www.AutomationDirect.com



<u>CO-PGMSW</u> \$11.00 Programming Software CD-ROM

The programming software can be downloaded free at the AutomationDirect Web site, or the CD can be purchased from the AutomationDirect online Web store. www.AutomationDirect.com



EA-MG-PGM-CBL \$46.50 PC to Panel Programming Cable Assembly for C-more Micro-Graphic Panels and CLICK/CLICK PLUS PLCs

The 6-ft cable assembly connects a personal computer to any *C-more* Micro-Graphic panel, CLICK PLC, or select CLICK PLUS PLC for setup and programming.

Note: This cable assembly uses the PC's USB port and converts the signals to serial transmissions. The USB port supplies 5VDC to the Micro-Graphic panel for configuration operations.

Assembly includes standard USB A-type connector to B-type connector cable, custom converter, and an RS232C cable with an RJ12 modular connector on each end.



<u>USB-CBL-AMICB6</u> \$4.25 USB A to USB microB Programming Cable Assembly (CLICK PLUS Only)

Programming cable, USB A to USB microB, 6ft (1.83 m) length. For use with CLICK PLUS PLCs and most USB devices. The USB port supplies 5VDC to the CLICK PLUS CPU for programming.



<u>D2-DSCBL</u> \$28.00 Programming Cable for CLICK/CLICK PLUS and DirectLOGIC PLCs

12ft. (3.66 m) RS232 shielded PC programming cable for CLICK, select CLICK PLUS PLCs, DL05, DL06, DL105, DL205, D3-350, D4-450, D4-454, and Do-more H2 and T1H series CPUs. 9-pin D-shell female connector to an RJ12 6P6C connector.



Note: If your PC has a USB port but does not have a serial port, you must use programming cable <u>EA-MG-PGM-CBL</u> to connect to CLICK PLCs. For CLICK PLUS PLCs, you may also use USB-CBL-AMICB6

CO-3TB \$8.50 Spare 3-Pole Terminal Block

Replacement 3-pole terminal block for the 3-wire RS-485 Port 3 on CLICK Standard and Analog PLCs as well as the CLICK PLUS <u>C2-03CPU</u>. Sold in packs of 2.





<u>CO-4TB</u> \$8.50 Spare 24VDC Power Terminal Block

Replacement terminal block for the 24VDC supply power to the PLC. Sold in packs of 2.





<u>CO-8TB</u> \$14.50 Spare 8-Point I/O Terminal Block

Replacement terminal block for the 8-point I/O modules. Sold in packs of 2.



<u>CO-8TB-1</u> \$16.50 Spare 13-Point I/O Terminal Block

Replacement terminal block for the 8-point I/O relay modules. Sold in packs of 2.



<u>CO-16TB</u> \$20.00 Spare 16-Point I/O Terminal Block

Replacement terminal block for the 16-point I/O modules and PLC built-in I/O. Sold in packs of 2.



<u>C2-6TB</u> \$15.00 Spare 6-pt Terminal Block

Replacement terminal block for the C2-DCM serial ports. Sold in packs of 2.



Accessories

<u>SE-ANT250</u> \$42.50 Wi-Fi/Bluetooth Dome Antenna

2.4 GHz antenna, IP67, panel mount, 9.8 ft (3m) cable length, for external mounting when CLICK PLUS PLC is installed in a metallic enclosure.



<u>C2-FILL</u> \$8.00 CPU Option Slot Cover

Snap-on cover for CLICK PLUS CPU Option Slot in applications without an Option Slot module present.



MSD-SLC16G \$89.00

16GB microSD card, industrial grade, 3D NAND Flash (with SLC Mode), 70°C [158°F] max operating temp.



<u>SE-ANT210</u> \$9.00 Wi-Fi/Bluetooth Whip Antenna

Whip/straight 2.4 GHz antenna, IP65, connector mount. Not recommended for installation in a metallic enclosure.



D2-BAT-1 \$6.00

Replacement CR2354 battery for Standard, Analog, Ethernet Standard and Ethernet Analog PLC units.



<u>TW-SD-MSL-2</u> \$3.25 Insulated Slotted Screwdriver

 $0.4 \times 2.5 \times 80$ mm slotted screwdriver for terminal blocks.



<u>DN-EB35MN</u> \$26.50 DINnector End Bracket



DO-MC-BAT \$3.00

Replacement CR2032 battery for CLICK PLUS PLC units.



<u>DN-WS</u> Wire Stripper

\$59.00



C-more and C-more Micro Graphic Operator Interfaces





ZIPLink Wiring Systems



