ZIPLINK® Communication Port Adapters

Communication adapters eliminate the hassle associated with connecting crimp or solder connectors to PLC communication ports and 9-pin serial ports. The communication adapters offer fast and convenient screw terminal connections for the DL06 CPUs, Advantech Modbus gateways and other devices with D-sub ports.

The ZL-CMA15L adapter offers transmit and receive LEDs, a jumper selectable network termination resistor, and circuit surge protection.

ZL-CMA9

ZL-CMA15

ZL-CMA15L

Specifications			
Communication Port Adapters	*ZL-CMA9*	*ZL-CMA15*	*ZL-CMA15L*
Pcs/Pkg	1	1	1
Price/Pkg	$24.00	$18.00	$55.00
Weight (lbs)	ZL-CMA9: 0.03 M to M adapter: 0.02	0.04	0.06
Description	ZIPLink port adapter communication module, 1 port, 9-position terminal block to 9-pin D-sub female. Includes 9-pin D-sub male to male adapter.	DL06, D2-250-1 and D2-262 PLC Port 2 adapter: HD 15-pin D-sub to terminal block	
Communications Interface	RS232, RS422, RS485		
Indication Transmit Data	N/A	N/A	Green LED
Indication Receive Data	N/A	N/A	Green LED
RS232 Surge Protection	N/A	N/A	2 Circuits clamped by Zener transient voltage suppressors
RS422/485 Surge Protection	N/A	N/A	4 Circuits clamped by low capacitance Zener diodes
RS422/485 Network Termination Resistor	N/A	N/A	Jumper Selectable 120Ω
Voltage Rating [1]	30VDC		
Maximum Current per Circuit	1A		
Supported Signal Types	RS422/485 TXD+ RS422/485 TXD– RS422/485 RXD+ RS422/485 RXD– RS232 TXD, RS232 RXD +5VDC PWR Ground		
Terminal Block Contacts	Copper alloy, tin-lead plating		
Wire Range (Rated Cross Section) [2]	16–30 AWG Solid or Stranded Conductor (1.5 mm²)		16–28 AWG Solid or Stranded Conductor (1.5 mm²)
Wire Strip Length	0.19–0.24 in [5–6 mm]	0.24–0.27 in [6–7 mm]	
Screw Torque	1.7 in·lbs [0.2 N·m]		
Operating Temperature Range	32 to 140°F [0 to 60°C]		
Drawing Link	PDF	PDF	PDF
Approvals	EN 61010-1, EN61010-2-201	EN 61010-1, EN61010-2-201 File # E200031 Approved for use in Class 1 Division 2, Groups A, B, C, D Hazardous Locations	

1 Use Class 2 power supply.
2 Use conductors rated for 60°/75°C.

Note: See wiring details and dimensional drawings on our Web site at: http://www.automationdirect.com/static/manuals/ziplinks/ziplinks.html.