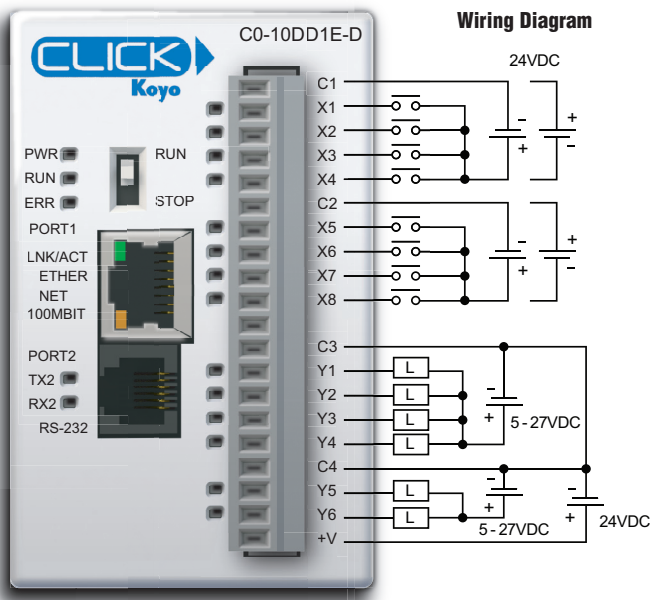


Ethernet Basic PLC

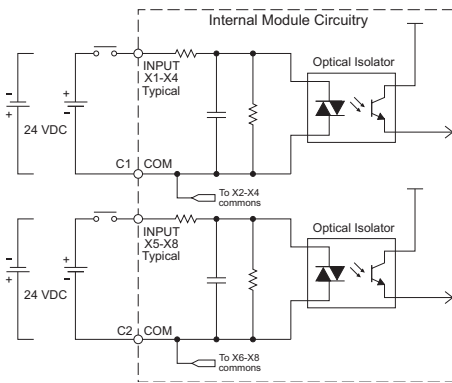
C0-10DD1E-D

8 DC Input/6 Sinking DC Output Micro PLC

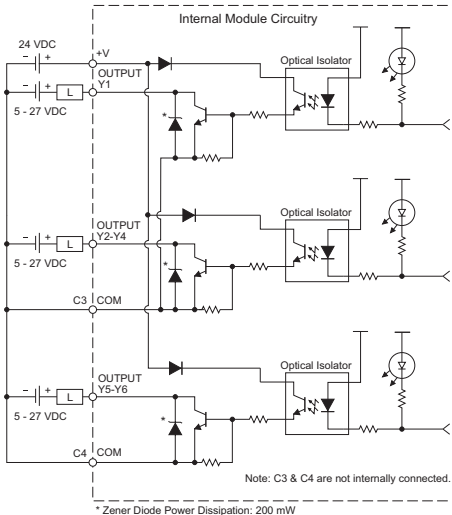


NOTE: When using Ethernet Basic PLCs, you must use CLICK programming software version V2.00 or later.

Equivalent Input Circuit



Equivalent Output Circuit

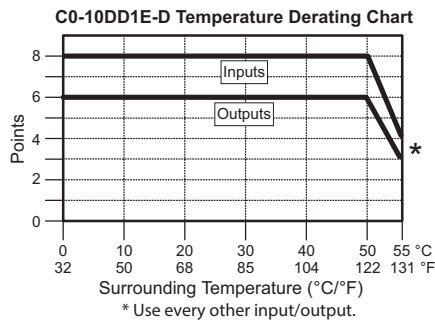


| C0-10DD1E-D Built-in I/O Specifications - Inputs | |
|--|--|
| Inputs per Module | 8 (Sink/Source) |
| Operating Voltage Range | 24 VDC |
| Input Voltage Range | 21.6 - 26.4 VDC |
| Input Current | X1-4: Typ 6.5 mA @ 24 VDC X5-8: Typ 4 mA @ 24 VDC |
| Maximum Input Current | X1-4: 7.0 mA @ 26.4 VDC X5-8: 5.0 mA @ 26.4 VDC |
| Input Impedance | X1-4: 3.9 kΩ @ 24 VDC X5-8: 6.8 kΩ @ 24 VDC |
| ON Voltage Level | > 19 VDC |
| OFF Voltage Level | X1-4: < 2 VDC X5-8: < 7 VDC |
| Minimum ON Current | X1-4: 4.5 mA X5-8: 3.5 mA |
| Maximum OFF Current | X1-4: 0.5 mA X5-8: 1.5 mA |
| OFF to ON Response | X1-4: Typ 5 μs Max 20 μs X5-8: Typ 2 ms Max 10 ms |
| ON to OFF Response | X1-4: Typ 5 μs Max 20 μs X5-8: Typ 3 ms Max 10 ms |
| Status Indicators | Logic Side (8 points, green LED) |
| Commons | 2 (4 points/common) Isolated |

| C0-10DD1E-D Built-in I/O Specifications - Outputs | |
|---|---|
| Outputs per Module | 6 (Sink) |
| Operating Voltage Range | 5-27 VDC |
| Output Voltage Range | 4-30 VDC |
| Maximum Output Current | 0.1 A/point; C3: 0.4 A/common, C4: 0.2 A/common |
| Minimum Output Current | 0.2 mA |
| Maximum Leakage Current | 0.5 mA @ 30.0 VDC |
| On Voltage Drop | 0.5 VDC @ 0.1 A |
| Maximum Inrush Current | 150 mA for 10 ms |
| OFF to ON Response | Max. 0.5 ms |
| ON to OFF Response | Max. 0.5 ms |
| Status Indicators | Logic Side (6 points, red LED) |
| Commons | 2 (4 points/com & 2 points/com) |
| External DC Power Required | 20-28 VDC Maximum @ 60 mA (All Points On) |

General Specifications

| | |
|--|----------------|
| Current Consumption at 24VDC | 120 mA |
| Terminal Block Replacement Part No. | C0-16TB |
| Weight | 5.0 oz (140 g) |



Z/PLink Pre-Wired PLC Connection Cables and Modules



ZL-RTB20 20-pin feed-through connector module

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)