



Omni16C Open Collector Repeat Output Board

Model C1426 16 Ch Open Collector Input and Lamp Repeat Board for Omni8/16C.

DATASHEET



Open Collector Repeat Output Board

FEATURES

- 16 Channel Input Repeat Outputs on Open Collector
- Rated 100mA 40Vdc maximum
- Standard Omniflex Ribbon Header Pinout
- Use with Maxiflex Input Module, Fastrak Relay Outputs or Ribbon to terminals converters

The Open Collector Output board provides a compact option to getting Input repeat statuses to other devices like loggers or telemetry systems via a ribbon header output. A second ribbon Header on the same board provides Lamp repeat status' to another remote display.

The Open Collector outputs are rated to handle 40V max and 100mA per point. The ribbon headers conform to

the Omniflex standard ribbon header pinout which means any of the interface adapters from the Fastrak range of products can be used. e.g. Relay outputs, Ribbon to terminal converters and even Maxiflex Input modules for Telemetry systems.

This board can be fitted to Slot E of an Omni8/16C.

SPECIFICATIONS

Open Collector Outputs

Contact Type	Transistor
Contact Rating	100mA 40Vdc max.

Connections

Terminals Type	Ribbon Cable
Rating	100mA 40Vdc Max.

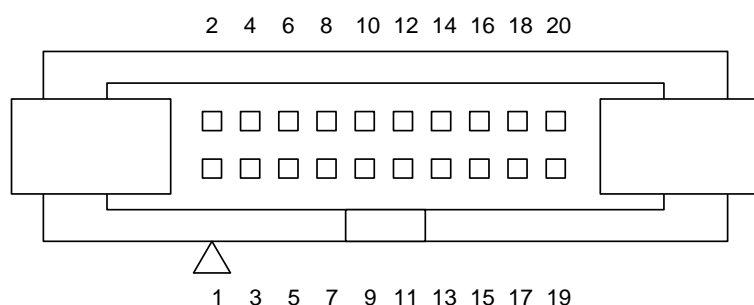
Temperature Range

Operating Temperature	0 °C – 60 °C (+32 °F – 140 °F)
Humidity	Up to 90% RH, non condensing is recommended
Storage Temperature	-10 °C – 70 °C (+14 °F – 158 °F)
Humidity	Less than 40% RH recommended

Ordering Information

Model Number	Description
C1426	Open Collector Repeat Output Board

ELECTRICAL CONNECTIONS



Pin No.	Description
1	0 Volts
2	0 Volts
3	24 Volts
4	24 Volts
5	Output 16
6	Output 15
7	Output 14
8	Output 13
9	Output 12
10	Output 11
11	Output 10
12	Output 9
13	Output 8
14	Output 7
15	Output 6
16	Output 5
17	Output 4
18	Output 3
19	Output 2
20	Output 1

Figure 1: Serial Port Pinouts