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CJ1W-ID231 DC Input Unit (Fujitsu Connector, 32 Points)

Rated Input Voltage	24 V DC
Rated Input Voltage Range	20.4 to 26.4 V DC
Input Impedance	5.6 kΩ
Input Current	4.1 mA typical (at 24 V DC)
ON Voltage/ON Current	19.0 V DC min./3 mA min.
OFF Voltage/OFF Current	5 V DC max./1 mA max.
ON Response Time	8.0 ms max. (Can be set to between 0 and 32 in the PLC Setup.)
OFF Response Time	8.0 ms max. (Can be set to between 0 and 32 in the PLC Setup)
Number of Circuits	32 (16 points/common, 2 circuits)
Number of Simultaneously ON Points	75% (12 points/common) (at 24 V DC) (Refer to the following illustration.)
Insulation Resistance	20 $M\Omega$ between external terminals and the GR terminal (100 V DC)
Dielectric Strength	1,000 V AC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max.
Internal Current Consumption	5 V DC: 90 mA max.
Internal Current Consumption Weight	5 V DC: 90 mA max. 70 g max.

Circuit Configuration





Terminal Connections



- The input power polarity can be connected in either direction.
- Be sure to wire both terminals A9 and A18 (COM0), and set the same polarity for both pins.
- Be sure to wire both terminals B9 and B18 (COM1), and set the same polarity for both pins.
- **Note** The ON response time will be 20 μ s maximum and OFF response time will be 300 μ s maximum even if the response times are set to 0 ms due to internal element delays.

CJ1W-ID232 DC Input Unit (MIL Connector, 32 Points)

Rated Input Voltage	24 V DC
Rated Input Voltage Range	20.4 to 26.4 V DC
Input Impedance	5.6 kΩ
Input Current	4.1 mA typical (at 24 V DC)
ON Voltage/ON Current	19.0 V DC min./3 mA min.
OFF Voltage/OFF Current	5 V DC max./1 mA max.
ON Response Time	8.0 ms max. (Can be set to between 0 and 32 in the PLC Setup.)
OFF Response Time	8.0 ms max. (Can be set to between 0 and 32 in the PLC Setup)
Number of Circuits	32 (16 points/common, 2 circuits)
Number of Simultaneously ON Points	75% (12 points/common) (at 24 V DC) (Refer to the following illustration.)
Insulation Resistance	20 $M\Omega$ between external terminals and the GR terminal (100 V DC)
Dielectric Strength	1,000 V AC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max.
Internal Current Consumption	5 V DC: 90 mA max.
Weight	70 g max.
Accessories	None