

**Analog Inputs (2080-LC10-12QWB, 2080-LC10-12QBB, 2080-LC10-12DWD)
(Inputs 4...7)**

Attribute	Value
Input type	DC voltage
Input voltage range	0...10V DC
Input voltage, max	26.4V DC
Value of LSB	10 mV
Input resolution	10-bit
Input data count range	0...1023
Smoothing	None, smoothing
Overall accuracy	5% of full-scale (2% with calibration) (25...55 °C) (77...131 °F)
Noise rejection	50/60 Hz
Common mode rejection	40 dB, DC to 60 Hz with smoothing filter
Nominal impedance	14.1 k Ω (non-isolated)

DC Output (2080-LC10-12QBB)

Attribute	Value
User supply voltage, min	10V DC
User supply voltage, max	26.4V DC
On-state voltage drop	1V @ max load current 2.5V @ max surge current
Current ratings (each point)	0.5 A @ 55 °C, max 1.0 A @ 30 °C, max 1.0 mA, min
Surge current, peak	4.0 A
Surge current, max duration	10 ms
Controller current	3 A
Turn-on- time, max	0.1 ms
Turn-off time, max	1.0 ms

Relay Outputs (2080-LC10-12AWA, 2080-LC10-12QWB, 2080-LC10-12DWD)

Attribute	Value
Output rating	Relay 00 & 01: 8 A @ 240V AC, 5 A @ 24V DC, B300, R300 Relay 02 & 03: 4 A @ 240V AC, 2 A @ 24V DC, C300, R150
Voltage, min	5V AC/DC
Voltage, max	250V AC, 30V DC @ rated current. See details on page 52 .
Turn on time	15 ms
Turn off time	5 ms