

Allen-Bradley Service Manual

1790-T16BV0X

1. Description

24V dc 16 Universal Input Base and Expansion

3. Product Information

24V dc 16 Universal Input Base and Expansion

Modules 1790-T16BV0X

Attribute Value

Inputs per module 16 points, sinking or sourcing

On-state voltage 9.6V dc min, 24V dc nom, 28.8V dc max

Off-state voltage 5.0V dc max

On-state current 8 mA max per channel @ 28.8V dc

Input impedance, nom 4.8 K Ω

Indicators 16 green input status

Common type 8 points/BCOM (non-polarity)

General Specifications

DeviceNet power - base

module

Supply voltage - 24V dc nom

Voltage range - 11...28.8V dc

Power dissipation - 1.2 W max @ 28.8V dc

Isolation I/O to logic: photocoupler isolation

Isolation voltage: 1250V ac rms

DeviceNet to logic: nonisolated

DeviceNet power: nonisolated

Wiring Terminal block (M3.0)

- screw torque: 7 lb-in max (use copper or

copper-clad aluminum conductors)