

Specifications

1790D-T16BV0 Universal dc Input Base Block

Attribute	Value
Inputs per Base Block	16 point, 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
Field Power Dissipation	3.68 W max @ 28.8V dc
Isolation Voltage	50V dc (continuous), reinforced insulation type, tested at 1250V ac for 60 s, I/O to system

1790D-TOV16 and 1790D-TOB16 dc Output Base Block

Attribute	Value
Outputs per Base Block	16 points non-isolated, sinking: 1790D-TOV16 16 points non-isolated, sourcing: 1790D-TOB16
On-state Voltage	10V dc min, 24Vdc nom, 28.8V dc max
On-state Voltage Drop	0.5V dc max
On-state Current	1 mA min per channel
Off-state Voltage	28.8V dc max
Off-state Leakage	0.5 mA max
Output Signal Delay	Off to On: 0.5 ms max, On to Off: 1.0 ms max
Output Current Rating	0.5 A max per output, 4.0 A max per common
Field Power Dissipation	2.76 W @ 28.8V dc
Isolation Voltage	50V dc (continuous), reinforced insulation type, tested at 1250V ac for 60 s, I/O to system