Specifications

Specifications - 1794-OB8

Attribute	Value
Number of outputs	8, current, sourcing
Recommended terminal base unit	1794-TB2, 1794-TB3, 1794-TB3S, 1794-TB3K, 1794-TB3SK
On-state voltage, min	10V DC
On-state voltage, nom	24V DC
On-state voltage, max	31.2V DC
Output current rating	4 A (8 outputs @ 0.5 A)
On-state current, min per channel	1.0 mA
On-state current, max per channel	500 mA
On-state voltage drop, max	0.5V DC
Surge current, repeatable every 2 seconds	2 A for 50 ms
Off-state leakage current, max	0.5 mA
Isolation voltage	50V (continuous), Basic Insulation Type Tested at 850V DC for 1 s, between user and system No isolation between individual channels
Output signal delay Off to On On to Off	 0.5 ms 1.0 ms
Flexbus current	60 mA @ 5V DC
Power dissipation, max	3.3 W @ 31.2V DC
Thermal dissipation, max	11.2 BTU/hr @ 31.2V DC
Fusing	Module outputs are not fused. Fusing is recommended. If fusing is desired, you must provide external fusing. Use SAN-0 M04-800 mA fuses.

Specifications - 1794-OB8EP

Attribute	Value
Number of outputs	8, current, sourcing
Recommended terminal base unit	1794-TB2, 1794-TB3, 1794-TB3S, 1794-TBN, 1794-TB3K, 1794-TB3SK, 1794-TBNK
On-state voltage, min	19.2V DC
On-state voltage, nom	24V DC
On-state voltage, max	31.2V DC
Output current rating, max per output	2.0 A
Output current rating, max per module	10.0 A (8 outputs @ 1.25 A, 5 outputs @ 2.0 A, or similar combinations totaling 10.0 A or less)
On-state current, min per channel	1.0 mA
On-state current, max per channel	2.0 A
On-state voltage drop, max	0.2V DC
Surge current, repeatable every 3 seconds	4 A for 50 ms
Off-state leakage current, max	0.5 mA
Isolation voltage	50V (continuous), Basic Insulation Type Tested at 850V DC for 1 s, between field side and system No isolation between individual channels
Output signal delay Off to On On to Off	 0.1 ms 0.1 ms
Flexbus current	73 mA @ 5V DC
Power dissipation, max	5.5 W @ 31.2V DC
Thermal dissipation, max	18.8 BTU/hr @ 31.2V DC
Fusing	Outputs are electronically fused