

Specifications

Specifications - 1794-IB8

Attribute	Value
Number of inputs	8, current, sinking
Recommended terminal base unit	1794-TB3, 1794-TB3S, 1794-TB3K, 1794-TB3SK, 1794-TBKD, 1794-TB37DS
On-state voltage	
Min	10V DC
Nom	24V DC
Max	31.2V DC
On-state current	
Min	2.0 mA
Nom	8.0 mA
Max	12.0 mA
Off-state voltage, max	5.0V DC
Off-state current, max	1.5 mA
Nominal input impedance	4.6 kΩ
Isolation voltage	50V (continuous), Basic Insulation Type Type tested @ 850V DC for 60 s, between field side and system No isolation between individual channels
Flexbus current	20 mA @ 5V DC
Power dissipation, max	3.5 W @ 31.2V DC
Thermal dissipation, max	11.9 BTU/hr @ 31.2V DC

Specifications - 1794-IB16

Attribute	Value
Number of inputs	16, current, sinking
Recommended terminal base unit	1794-TB3, 1794-TB3S, 1794-TB3K, 1794-TB3SK, 1794-TBKD, 1794-TB37DS
On-state voltage	
Min	10V DC
Nom	24V DC
Max	31.2V DC
On-state current	
Min	2.0 mA
Nom	8.0 mA
Max	12.0 mA
Off-state voltage, max	5.0V DC
Off-state current, max	1.5 mA
Nominal input impedance	4.6 kΩ
Isolation voltage	50V (continuous), Basic Insulation Type Type tested @ 707V DC for 60 s, between field side and system No isolation between individual channels
Flexbus current	30 mA @ 5V DC
Power dissipation, max	6.1 W @ 31.2V DC
Thermal dissipation, max	20.8 BTU/hr @ 31.2V DC

Specifications - 1794-IB32 and 1794-IB32K

Attribute	Value
Number of inputs	32, current, sinking
Recommended terminal base unit	1794-TB32, 1794-TB32S, 1794-TB62DS, 1794-TB62EXD4X15
On-state voltage	
Min	19.2V DC
Nom	24V DC
Max	31.2V DC