

1794-AENT, 1794-AENTR, 1794-AENTRXT

FLEX I/O EtherNet/IP adapter module, FLEX I/O dual port EtherNet/IP adapter module, and FLEX I/O dual port (extreme temperatures) EtherNet/IP adapter module

Technical Specifications - 1794-AENT, 1794-AENTR, 1794-AENTRXT

Attribute	1794-AENT/B	1794-AENTR	1794-AENTRXT
I/O module capacity	8		
Communication rate	10/100 Mbps		
Indicators	Module status – red/green Network status – red/green Link status – green	Module status – red/green Network status – red/green Link 1 status – yellow/green Link 2 status – yellow/green	
Power supply	To comply with the CE Low Voltage Directive (LVD), this equipment must be powered from a source compliant with the following: Safety Extra Low Voltage (SELV) or Protected Extra Low Voltage (PELV).		
Input voltage range	19.2...31.2V DC (includes 5% AC ripple)		
Input voltage, nom	24V DC		
Inrush current	23 A for 2 ms	18 A for 2 ms	
FlexBus output current, max	640 mA		
Isolation voltage	50V continuous, Basic Insulation Type Tested @ 1000V AC for 60 s, power to FlexBus to EtherNet		
Power consumption, max	550 mA 440 mA @ 24V DC	500 mA 400 mA @ 24V DC	
Power dissipation, max	7.3 W @ 19.2V DC	7.1 W @ 19.2V DC	6.1 W @ 19.2V DC
Thermal dissipation	24.9 BTU/hr @ 24V DC	24.2 BTU/hr @ 24V DC	20.8 BTU/hr @ 24V DC
Wire size, power conductors	0.33...3.31 mm ² (22...12 AWG) stranded copper wire rated @ 75 °C (167 °F) or greater, 1.2 mm (3/64 in.) insulation, max		
Wire category ⁽¹⁾	1 - on power ports 2 - on communications ports		
Ethernet connector	1 Ethernet RJ45 Category 5	2 Ethernet RJ45 Category 5	
North American temperature code	T4A	T5	T4A
IEC Temp code	T4	T5	T4
Terminal screw torque	0.8 Nm (7 lb-in.)		
Dimensions, approx. (HxWxD)	87 x 94 x 69 mm 3.4 x 3.7 x 2.7 in.	87 x 94 x 92 mm 3.4 x 3.7 x 3.6 in.	
Weight, approx.	180 g (6.34 oz)	227 g (8.01 oz)	
Publication, Installation Instructions	1794-IN082	1794-IN131	

(1) Use this conductor category information for planning conductor routing as described in the system-level installation manual. See the Industrial Automation Wiring and Grounding Guidelines, publication [1770-4.1](#).

Environmental Specifications

Attribute	1794-AENT/B	1794-AENTR	1794-AENTRXT
Temperature, operating	IEC 60068-2-1 (Test Ad, Operating Cold), IEC 60068-2-2 (Test Bd, Operating Dry Heat), IEC 60068-2-14 (Test Nb, Operating Thermal Shock):		
	0...55 °C (32...131 °F)		-25...70 °C (-13...158 °F)
Temperature, surrounding air, max	55 °C (131 °F)		70 °C (158 °F)