

FLEX I/O

Product Data Sheet

1794-TB32

32-point Screw-terminal Base

FIELD TERMINAL POSITIONS	I/O CONNECTION POSITIONS	V/COM MAXIMUM VOLTAGE	V/COM MAXIMUM CURRENT
52, numbered 0-51	32	31.2 V AC/DC	10 A

Allen-Bradley 1794-TB32 is a screw-terminal base for compatible 32-point FLEX I/O modules. It provides the field-wiring and backplane connection arrangement required by the selected module and adapter.

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VERIFIED TECHNICAL DATA

Field terminal positions	52, numbered 0-51
I/O connection positions	32
V/COM maximum voltage	31.2 V AC/DC
V/COM maximum current	10 A
AC supply frequency	50/60 Hz
Field-to-Flexbus working insulation	50 V continuous, basic insulation
Field-to-Flexbus dielectric test	2500 V DC for 1 s
Terminal tightening torque	0.56 to 0.79 Nm
Stranded copper conductor size	24 to 16 AWG, 0.21 to 1.3 mm ²
Minimum conductor temperature rating	105 deg C

ADDITIONAL PRODUCT DATA

Operating temperature	-20 to +70 deg C
Storage temperature	-40 to +85 deg C
Relative humidity	5-95%, noncondensing
Vibration resistance	5 g at 10-500 Hz
Operating shock resistance	30 g

DOCUMENTED USE SETTINGS

Food Manufacturing and Beverage Production: Industrial Food Processing Production.

Packaging Production and Product Handling: Industrial Product Packaging Processes.

Industrial Manufacturing and Assembly Production: Automated Component Assembly Production.

SYSTEM COMPATIBILITY

Integrate 1794-TB32 as the documented 32-point screw-terminal base in its compatible FLEX I/O configuration. Match the complete product label, connection arrangement and installed hardware revision before making changes.

PRODUCT EVIDENCE

FLEX I/O 32-point Screw-terminal Base; applicable manufacturer document pages 1, 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 16

AMIKON PRODUCT SUPPORT

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