POINT I/O EXPANSION POWER

Product Data Sheet

1734-EP24DC

DC Expansion Power Module

INPUT SUPPLY RANGE	MAXIMUM FIELD-INPUT CURRENT	MAXIMUM INRUSH	POINTBUS CURRENT CAPACITY
10 to 28.8 V DC; 24 V nominal	**400 mA at 28.8 V**	**6 A for 10 ms**	**1 A at 10 to 19.2 V; 1.3 A at 19.2 to 28.8 V horizontal**

Allen-Bradley 1734-EP24DC is a DC expansion power module for compatible POINT I/O stations. It extends the station power arrangement for additional modules within the permitted load and mounting limits.

01 VERIFIED TECHNICAL DATA

Input supply range	10 to 28.8 V DC; 24 V nominal
Maximum field-input current	400 mA at 28.8 V
Maximum inrush	6 A for 10 ms
POINTBus current capacity	1 A at 10 to 19.2 V; 1.3 A at 19.2 to 28.8 V horizontal
Field power bus capacity	10 A maximum
Maximum supply demand	9.8 W
Maximum power dissipation	3 W
Supply hold-up	10 ms at 10 V, maximum load
Isolation rating	50 V continuous; tested at 2600 V DC for 60 s
Terminal tightening torque	0.6 N m

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Wire cross-section	0.324 to 2.08 mm²
Operating temperature	-20 to 55 deg C
Storage temperature	-40 to 85 deg C
Relative humidity	5 to 95%, non-condensing
Vibration rating	5 g at 10 to 500 Hz

03 DOCUMENTED USE SETTINGS

Water Supply and Wastewater Treatment: Municipal Water Supply Control.

Manufacturing and Industrial Production Automation: Industrial Manufacturing Process Automation.

Pulp Processing and Paper Production: Pulp Preparation and Processing.

04 SYSTEM COMPATIBILITY

Match 1734-EP24DC to the installed POINT I/O Expansion Power hardware and project. Confirm the connector layout, supplied revision and required companion parts before selecting this dc expansion power module.

05 PRODUCT EVIDENCE

Rockwell Automation 1734-IN058M, July 2026

AMIKON PRODUCT SUPPORT

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