KINETIX 300

Product Data Sheet

2097-V34PR5

EtherNet/IP Indexing Servo Drive

AC INPUT RATING	RATED OUTPUT POWER	CONTINUOUS OUTPUT CURRENT	HEAT DISSIPATION
480 V, three-phase	**2.0 kW**	**5.7 A, zero-to-peak**	**58 W**

Allen-Bradley 2097-V34PR5 is a Kinetix 300 EtherNet/IP indexing servo drive for compatible motion-control machinery. This non-LM version is rated for 480 V three-phase input and 2.0 kW output.

01 VERIFIED TECHNICAL DATA

AC input rating	480 V, three-phase
Rated output power	2.0 kW
Continuous output current	5.7 A, zero-to-peak
Heat dissipation	58 W
Digital input channels	12
Digital input logic	PNP sourcing or NPN sinking
Analog reference range	-10 to +10 V DC
Analog reference resolution	12 bits, including sign
Analog reference scan time	0.0625 ms
Analog reference impedance	47 kohm typical

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

02 ADDITIONAL PRODUCT DATA

Encoder pass-through rate	2 MHz maximum
Encoder pass-through delay	Approximately 100 ns
Feedback connector	15-pin HD D-sub
Network protocol	EtherNet/IP
Safety interface	Safe Torque Off

03 DOCUMENTED USE SETTINGS

Packaging Production and Product Handling: Industrial Product Packaging Processes.

Industrial Logistics and Material Flow: Automated Material Sorting Processes.

Electronic Manufacturing and Component Assembly: Electronic Component Assembly Production.

04 SYSTEM COMPATIBILITY

Integrate 2097-V34PR5 as the documented ethernet/ip indexing servo drive in its compatible Kinetix 300 configuration. Match the complete product label, connection arrangement and installed hardware revision before making changes.

05 PRODUCT EVIDENCE

Kinetix 300 EtherNet/IP Indexing Servo Drive; applicable manufacturer document pages 1, 7, 13, 14, 15, 16, 17, 18, 20, 21, 30, 31, 32, 33, 34, 35, 36, 37, 40, 41, 42, 43, 46, 47, 48, 49, 53, 54, 173, 174, 175, 176, 177, 178

AMIKON PRODUCT SUPPORT

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