

Catalogue No: **2097-V33PR3-LM**

KINETIX 350 SERVO DRIVE 120/240V 1/3PH 5.7A

Automation Systems > Motion Systems > Servo Drives > Allen-Bradley Kinetix 300/350 Servo Drives > Kinetix® 300 / 350 Drives > Kinetix® 350 (Single-axis EtherNet/IP Servo Drive)



Representative Photo Only
(actual product may vary based on configuration selections)

Kinetix 350 Drives (single/three-phase), Safe Torque-off

- Elimination of a dedicated Motion Control network — Use EtherNet/IP for your entire machine.
- A cost-effective solution for low axis applications — A scalable power platform combined with EtherNet/IP communications,
- Smart Motor Technology — Automatic identification of correct motor-to-drive connectivity when used with MP-Series and TL-Series servo motors and actuators reduces commissioning time.
- A flexible control engine — allows for analog, PTO, indexing, and Ethernet/IP commanded control of servo motor and actuators.
- The Kinetix 350 provides Single-axis and multi-axis coordinated motion system over Ethernet IP

SPECIFICATIONS

Product Series	Kinetix 350 (Bul. 2097)
Component Type Motion Control	Servo Drive
Safety Performance Level(s) (ISO13849:2006)	ISO 13849:2006 PLd ISO 13849:2006
Safety Performance Level	PLd safety
SIL Rating(s) (IEC/EN 61508)	IEC/EN 61508 SIL2 IEC/EN 61508
SIL Rating	SIL 2
Safety Category(s) (ISO13849:1999 / EN954)	EN 954 / ISO 13849:1999 Category 3 ISO 130849:1999
Safety Category	Cat 3 safety
Integration Type	PLC Integrated
Communications Protocols	EtherNet/IP EtherNet/OCPP
Input voltage, 1ph, nom (rms)	240 V AC nom (rms)
Input Voltage, 1ph, min (rms)	80 V AC min (rms)
Input Voltage, 1ph, max (rms)	264 V AC max (rms)
Input voltage, 3ph, nom (rms)	240 V AC nom (rms)
Input Voltage, 3ph, min (rms)	80 V AC min (rms)
Input Voltage, 3ph, max (rms)	264 V AC max (rms)
Input Frequency, Min	48 Hz
Input Frequency, Max	62 Hz
Input Current, Single Phase, Nominal	8.6 A
Input Current, Single Phase, Max (0 - pk)	8.6 A
Input Current, Three Phase, Nominal	5 A
Input Current, Three Phase, Max (0 - pk)	2.3 A
Output Current, Continuous (rms)	4 A, rms, continuous
Output Current, Continuous (0-peak)	5.7 A, contin, 0-pk
Output Current, Peak (rms)	12 A, rms, peak
Output Current, Peak (0-peak)	17 A
Altitude, Operating (Derating)	1500 m

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Altitude Derating Details	Derate by 1% per 300m above 1500m
Compatible Motor Series'	LDAT Integrated Linear Thruster compatible MPAI Heavy Duty Electric Cylinder MPAR Electric Cylinder MPAS Integrated Linear Stage MPMA Integrated Linear Stage TLAR Electric Cylinder MPF Food Grade MPL Low Inertia MPM Medium Inertia MPS Stainless Steel
Operating Temperature, Max	40 °C max
Operating Temperature, Min	0 °C min
Storage Temperature, Max	70 °C max
Storage Temperature, Min	-10 °C min
Relative Humidity, Max	95 %RH
Height	190 mm
Width	69 mm
Depth	185 mm
Weight	1.5 kg
Shock Acceleration (Max.)	15 g
Shock Duration (Max.)	11 ms
Vibration Acceleration (Max.)	2.5 m/s ²
Vibration Displacement (Peak to Peak Max.)	0.015 mm
Vibration Frequency, Operational (Max.)	2000 Hz
Standards Compliance	UL 508C EN 61800-3 EN 61800-5-1 EN 50178 EN 61800-5-2 AS/NZS CISPR 11-Group1-ClassA IEC/EN 61508 SIL2 EN 954 / ISO 13849:1999 Category 3 ISO 13849:2006 PLd
Certifications	CE C-Tick C-UL KC (KCC) UL ODVA - EtherNet/IP TUV Category 3 TUV PLd TUV SIL2

REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-

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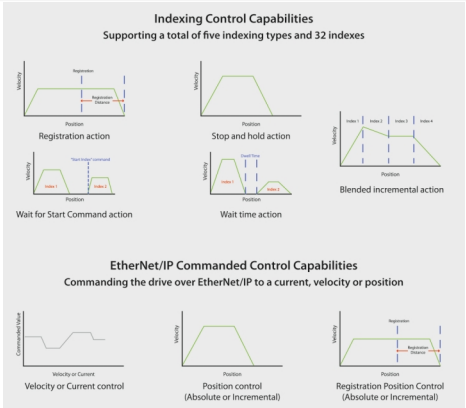
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Technical Diagram