



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

Kinetix 300 EtherNet/IP Indexing Servo Drive, 480V AC Three-Phase, 3.0 kW

- 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 300 (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	Network Capable
Communications Protocols	EtherNet/IP EtherNet/OCPP
Input voltage, 3ph, nom (rms)	415 V AC nom (rms)
Input Voltage, 3ph, min (rms)	320 V AC min (rms)
Input Voltage, 3ph, max (rms)	528 V AC max (rms)
Input Frequency, Nom	50 / 60 Hz
Input Frequency, Min	48 Hz
Input Frequency, Max	62 Hz
Input Current, Three Phase, Nominal	7.9 A
Input Current, Three Phase, Max (0 - pk)	22.6 A
Output Current, Continuous (rms)	6 A, rms, continuous
Output Current, Continuous (0-peak)	8.5 A, contin, 0-pk
Output Current, Peak (rms)	18 A, rms, peak
Output Current, Peak (0-peak)	25.5 A
Altitude, Operating (Derating)	1500 m
Altitude Derating Details	Derate by 1% per 300m above 1500m

Catalogue No: 2097-V34PR6

KINETIX 300 SERVO DRIVE 480V 3PH 8.5A

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Compatible Motor Series'	MPM Medium Inertia MPL Low Inertia MPS Stainless Steel MPF Food Grade TLY-Series LDAT Integrated Linear Thruster MPAI Heavy Duty Electric Cylinder MPMA Integrated Linear Stage TLAR Electric Cylinder MPAR Electric Cylinder MPAS Integrated Linear Stage	compatible
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	68 mm	
Depth	230 mm	
Weight	1.8 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 EN 954 / ISO 13849:1999 Category 3 ISO 13849:2006 PLd IEC/EN 61508 SIL2	
Certifications	CE C-Tick C-UL KC (KCC) UL ODVA - EtherNet/IP TUV PLd TUV Category 3 TUV SIL2	

REFERENCES

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

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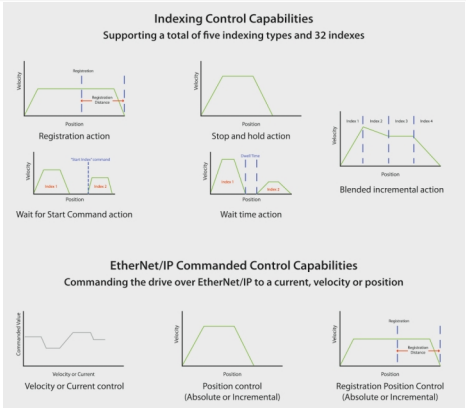
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Technical Diagram