

TLC51X POSITIONING CONTROLLERS

Product Data Sheet

TLC511F

single-axis positioning controller

FUNCTION single-axis positioning controller	FAMILY TLC51x positioning controllers	ORIGIN Germany	WEIGHT 3.00 kg
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Berger Lahr TLC511F is a single-axis positioning controller for the TLC51x positioning controllers. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Mains voltage	230 V AC -20/+15% or 115 V AC -20/+15%
Mains frequency	47 to 63 Hz
Input current	2 A at 230 V or 4 A at 115 V
Starting current	< 60 A
Power factor	> 0.6
Maximum power loss	40 W
Motor power class	0.35 kW
Switching frequency	16 kHz
Rated motor current	3 A rms
Maximum motor speed	3000 rpm

ADDITIONAL PRODUCT DATA

Maximum motor cable	20 m
Control supply	20 to 30 V DC
Digital input high	12 to 30 V DC
Analog input	-10 to +10 V, 5 kohm
Ingress protection	IP20

OFFICIAL APPLICATIONS

- Pump drive commissioning and service: Variable Speed Drive Systems
- DC drive operator control: Web Handling Systems
- Process drive setup and diagnostics: Industrial Drive Systems

SYSTEM COMPATIBILITY

Match TLC511F to the installed TLC51x positioning controllers, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Berger Lahr official manufacturer documentation](#)

Official manufacturer documentation and product records

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM