LXM32CD18M2

[TAG[MainCharacteristics]]

范围	Lexium 32
产品或组件类型	运动伺服驱动器
设备短名	LXM32C
Format of the drive	Book
网络相数	单相
Us 额定电源电压	100...120 V (- 15...10 %) 200...240 V (- 15...10 %)
电源电压限制	170...264 V 85...132 V
供电频率	50/60 Hz (- 5...5 %)
网络频率	47.5...63 Hz
EMC 滤波器	集成的
连续输出电流	6 A (f = 8 kHz)
输出电流 3s 峰值	10 A at 115 V for 5 s 18 A at 230 V for 5 s
Continuous power	500 W at 115 V 1600 W at 230 V
标称功率	0.5 kW 在 115 V (f = 8 kHz) 1 kW 在 230 V (f = 8 kHz)
线路电流	8.5 A, THDI of 147 % at 115 V, without line choke 8.4 A, THDI of 148 % at 230 V, without line choke 9.9 A, THDI of 74 % at 115 V, with external line choke of 2 mH 10.6 A, THDI of 93 % at 230 V, with external line choke of 2 mH

[TAG[ComplemCharacteristics]]

Switching frequency	8 kHz
过电压种类	III
泄漏电流	< 30 mA
输出电压	<= 电源电压
电绝缘	电源与控制之间
电缆类型	Single-strand IEC cable (for θ = 50 °C) conductor material: copper 90 °C ,wire insulation material: XLPE/EPR
电气连接	端子 电缆 3 mm² AWG 12 (CN8) 端子 电缆 5 mm² AWG 10 (CN1) 端子 电缆 5 mm² AWG 10 (CN10)
紧固转距	0.5 N.m (CN8) 0.7 N.m (CN1) 0.7 N.m (CN10)
离散量输入数量	2 安全 6 logic
离散量输入类型	逻辑 (DI) 安全 (compliment of STO_A, compliment of STO_B)
采样期间	0.25 ms (ANA1+/ANA1-, ANA2+/ANA2-) 用于 模拟 0.25 ms (DI) 用于 Discrete
离散量输入电压	24 V DC for logic 24 V DC for safety
离散量输入逻辑	Positive (compliment of STO_A, compliment of STO_B) at State 0: < 5 V at State 1: > 15 V 符合 EN/IEC 61131-2 类型 1 Positive (DI) at State 0: > 19 V at State 1: < 9 V 符合 EN/IEC 61131-2 类型 1 正极或负极 (DI) at State 0: < 5 V at State 1: > 15 V 符合 EN/IEC 61131-2 类型 1
反应时间	<= 5 ms (compliment of STO_A, compliment of STO_B)
离散量输出数量	5

[TAG[PDFDisclaimer]]

输出型式	Logic (DO) 24 V DC
离散量输出电压	<= 30 V 直流
离散量输出逻辑	正极或负极 (DO) 符合 EN/IEC 61131-2
触点颤动时间	<= 1 ms (compliment of STO_A, compliment of STO_B) 0.25 µs...1.5 ms (DI)
刹车电流	50 mA
模拟量输入数量	2
输出反应时间	250 µs (DO) discrete
绝对准确度误差	< +/- 0.5 %
线性度误差	< +/- 0.1 %
模拟量输入类型	模拟量输入 (ANA1+/ANA1-, ANA2+/ANA2-), 差值 +/- 10 V 输入阻抗: >= 20 Ohm, 分辨率: 14 bits
控制信号类型	伺服电机编码器反馈 脉冲序列输出 (PTO) :RS422 (f = <= 500 kHz) (电缆长度: 100 m) 脉冲/方向 (P/D), A/B, CW/CCW :5 V, 24 V 链路 (集电极开路) (f = <= 10 kHz) (电缆长度: 1 m) 脉冲/方向 (P/D), A/B, CW/CCW :5 V, 24 V 链路 (推挽) (f = <= 200 kHz) (电缆长度: 10 m) 脉冲/方向 (P/D), A/B, CW/CCW :RS422 (f = <= 1000 kHz) (电缆长度: 100 m)
保护类型	Against reverse polarity :inputs signal Against short-circuits :outputs signal
安全功能	STO (safe torque off), integrated
安全等级	SIL 3 conforming to EN/IEC 61508 PL = e conforming to ISO 13849-1
Communication interface	Integrated Modbus
连接器类型	RJ45 (labelled CN7) :Modbus
物理接口	2 线 RS485 多点 Modbus
传输率	9600, 19200, 38400 bps for bus length of <= 40 m Modbus
地址数	1...247 Modbus
LED状态	1 LED (red) servo drive voltage
信号传输功能	Display of faults in 7 segments
标志	CE
操作位置	垂直方向 +/- 10°
产品兼容性	Servo motor BMH (70 mm, 1 motor stacks) Servo motor BMH (70 mm, 2 motor stacks) Servo motor BMH (70 mm, 3 motor stacks) Servo motor BMH (100 mm, 1 motor stacks) Servo motor BSH (55 mm, 3 motor stacks) Servo motor BSH (70 mm, 1 motor stacks) Servo motor BSH (70 mm, 2 motor stacks) Servo motor BSH (70 mm, 3 motor stacks) Servo motor BSH (100 mm, 1 motor stacks)
宽度	48 mm
高度	270 mm
深度	237 mm
产品重量	1.8 kg

[TAG[EnvCharacteristics]]

电磁兼容性	Conducted EMC at class A group 1 conforming to EN 55011 Conducted EMC at class A group 2 conforming to EN 55011 Conducted EMC at environment 2 category C3 conforming to EN/IEC 61800-3 Conducted EMC at category C2 conforming to EN/IEC 61800-3 Conducted EMC at environments 1 and 2 conforming to EN/IEC 61800-3 Electrostatic discharge immunity test at level 3 conforming to EN/IEC 61000-4-2 Susceptibility to electromagnetic fields at level 3 conforming to EN/IEC 61000-4-3 1.2/50 µs shock waves immunity test at level 3 conforming to EN/IEC 61000-4-5 Electrical fast transient/burst immunity test at level 4 conforming to EN/IEC 61000-4-4 Radiated EMC at class A group 2 conforming to EN 55011 Radiated EMC at category C3 conforming to EN/IEC 61800-3
标准	EN/IEC 61800-3 EN/IEC 61800-5-1
产品认证	CSA RoHS TÜV

	UL
IP 保护等级	IP20 符合 EN/IEC 60529 IP20 符合 EN/IEC 61800-5-1
抗振动	波峰至波峰 1.5 mm (f = 3...13 Hz) 符合 EN/IEC 60068-2-6 1 gn (f = 13...150 Hz) 符合 EN/IEC 60068-2-6
抗冲击	15 gn for 11 ms conforming to EN/IEC 60028-2-27
污染程度	2 符合 EN/IEC 61800-5-1
环境特性	级别3C1 符合 IEC 60721-3-3
相对湿度	等级 3K3 (5 至 85 %) 无冷凝 符合 IEC 60721-3-3
工作环境温度	0...50 °C conforming to UL
存储环境温度	-25...70 °C
冷却类型	集成风扇
海拔高度	<= 1000 m 无降容 > 1000...3000 m with conditions

供应的可持续性

可持续供应状况	Green Premium产品
RoHS法规	Compliant - since 0930 - Schneider Electric declaration of conformity
产品环境概貌	Available
产品寿命终期说明	Available