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Product data sheet

Specifications



Control unit, Lexium 32i, LXM32i, EtherCAT

LXM32IECT

Product availability: Stock - Normally stocked in distribution facility

Price*: 862.00 USD

Main

Range Of Product	Lexium 32i
Product Or Component Type	Control unit
Device Short Name	LXM32i
Format Of The Drive	Board
Discrete Input Number	2 safety 4 logic
Discrete Input Type	Safety compliment of STO_A, compliment of STO_B Logic DI

Complementary

Sampling Duration	DI 0.25 ms discrete
Discrete Input Voltage	24 V DC capture 24 V DC logic 24 V DC safety
Discrete Input Logic	Positive compliment of STO_A, compliment of STO_B)< 5 V > 15 V IEC 61131-2 Type 1 Positive DI)> 19 V < 9 V IEC 61131-2 Type 1 Positive or negative DI)< 5 V > 15 V IEC 61131-2 Type 1
Response Time	<= 5 ms compliment of STO_A, compliment of STO_B
Discrete Output Number	2
Discrete Output Type	Logic DO)24 V DC
Discrete Output Voltage	<= 30 V DC
Discrete Output Logic	Positive or negative DO)IEC 61131-2
Contact Bounce Time	<= 1 ms compliment of STO_A, compliment of STO_B 0.25 µs...1.5 ms DI
Braking Current	50 mA
Response Time On Output	250 µs DO)discrete
Control Signal Type	Servo motor encoder feedback
Protection Type	Against reverse polarity inputs signal Against short-circuits outputs signal
Safety Function	Safe torque off safety function, Integrated
Safety Level	SIL 3 IEC 61508 PL = e ISO 13849-1
Communication Interface	EtherCAT, Integrated
Connector Type	RJ45 Modbus M12 EtherCAT

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Method Of Access	Slave
Physical Interface	2-wire RS485 multidrop Modbus
Transmission Rate	9600, 19200, 38400 bps 0.00…131.23 ft (0…40 m) Modbus
Number Of Addresses	1…127 CANopen, CANmotion 1…247 Modbus
Status Led	1 LED (Red) servo drive voltage 1 LED error 1 LED RUN
Electromagnetic Compatibility	Conducted EMC EN 55011 class A group 1 Conducted EMC EN 55011 class A group 2 Conducted EMC EN/IEC 61800-3 environment 2 category C3 Conducted EMC IEC/EN 61800-3 category C2 EMC immunity IEC/EN 61800-3 environments 1 and 2 EMC immunity level 3 IEC 61000-4-2 EMC immunity level 3 IEC 61000-4-3 EMC immunity level 3 IEC 61000-4-5 EMC immunity level 4 IEC 61000-4-4 Radiated EMC EN 55011 class A group 2 Radiated EMC IEC/EN 61800-3 category C3
Type Of Cooling	Natural convection
Operating Altitude	<= 3280.84 ft (1000 m) without derating > 3280.84...9842.52 ft (> 1000...3000 m) with conditions
Operating Position	Vertical +/- 10 degree
Net Weight	1.40 lb(US) (0.637 kg)

Environment

Standards	IEC 61800-3 IEC 61800-5-1
Product Certifications	TÜV CSA UL
Marking	CE
Ip Degree Of Protection	IP65
Vibration Resistance	1 gn 13…150 Hz)IEC 60068-2-6 1.5 mm peak to peak 3…13 Hz)IEC 60068-2-6
Shock Resistance	15 gn 11 ms IEC 60028-2-27
Pollution Degree	2 IEC 61800-5-1
Environmental Characteristic	Classes 3C1 IEC 60721-3-3
Relative Humidity	Class 3K3 (5 to 85 %) without condensation IEC 60721-3-3
Ambient Air Temperature For Operation	32…122 °F (0…50 °C) UL
Ambient Air Temperature For Storage	-13…158 °F (-25…70 °C)

Ordering and shipping details

Category	US1PC5618287
Discount Schedule	PC56
Gtin	3606480620164
Returnability	Yes
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.87 in (7.3 cm)
Package 1 Width	6.69 in (17.0 cm)
Package 1 Length	9.25 in (23.5 cm)
Package 1 Weight	22.75 oz (645.0 g)
Unit Type Of Package 2	S04
Number Of Units In Package 2	17
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	15.75 in (40.0 cm)
Package 2 Length	23.62 in (60.0 cm)
Package 2 Weight	26.67 lb(US) (12.098 kg)

Contractual warranty

Warranty	18 months

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