Product data sheet

Specifications





brushless DC motor, Lexium ILA ILE ILS, 6.0nm, 128RPM, single phase

ILE2K661S2172

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 2,545.28 USD

Main

Range of Product	Lexium integrated drive	
Product or Component Type	Motion integrated drive	
Device short name	ILE	
Motor Type	Brushless DC motor	
Number of motor poles	6	
Phase	Single phase	
[Us] rated supply voltage	24 V 48 V	
Network type	DC	
Winding type	Medium speed of rotation and medium torque	

Complementary

Transmission Rate	125, 250, 500 kbauds	
Mounting Support	Flange	
Motor flange size	2.6 in (66 mm)	
Feedback type	BLDC encoder	
Second shaft	Without second shaft end	
Supply voltage limits	1855.2 V	
Current consumption	7000 mA peak 5500 mA maximum continuous	
Associated fuse rating	16 A	
Input/output type	4 signals (each be used as input or output)	
Voltage state 0 guaranteed	-34.5 V	
Voltage state 1 guaranteed	1530 V	
Discrete input current	10 mA at 24 V on/STO_A safety input 3 mA at 24 V on/STO_B safety input 2 mA at 24 V 24 V signal interface	
Discrete output voltage	2325 V	
Protection Type	Overload of output voltage Short circuit of the output voltage Safe torque off	
marking	CE	
Type of cooling	Natural convection	

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

Environment

Standards	IEC 50178 EN 61800-3:2001, second environment IEC 60072-1 IEC 61800-3, Ed 2 IEC 61800-3 EN 61800-3:2001-02 IEC 50347	
Product Certifications	TÜV UL cUL	
Ambient air temperature for operation	104131 °F (4055 °C) with power derating of 2 % per °C) 32104 °F (040 °C) without derating)	
Permissible ambient air temperature around the device	221 °F (105 °C) power amplifier 230 °F (110 °C) motor	
Ambient Air Temperature for Storage	-13158 °F (-2570 °C)	
Operating altitude	<= 3280.84 ft (1000 m) without derating	
Vibration resistance	20 m/s² 10500 Hz) 10 cycles IEC 60068-2-6	
Shock resistance	150 m/s² 1000 shocks IEC 60068-2-29	
IP degree of protection	IP41 shaft bushing: conforming to IEC 60034-5 IP54 total except shaft bushing: conforming to IEC 60034-5	

Ordering and shipping details

Category	US1PC5618288	
Discount Schedule	PC56	
GTIN	3606485459707	
Returnability	No	
Country of origin	DE	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.09 in (10.4 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	14.4 in (36.5 cm)
Package 1 Weight	4.74 lb(US) (2.15 kg)



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Transparency RoHS/REACh

Well-being performance

Ø	Mercury Free	
⊘	Rohs Exemption Information	Yes
⊘	Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
California Proposition 65	"WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov"