

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	48 V 24 V
Network type	DC
Winding type	Medium speed of rotation and medium torque
Reduction ratio	1:1

Complementary

Mounting Support	Flange
Motor flange size	2.6 in (66 mm)
Feedback type	BLDC encoder
Shaft end	Untapped
Second shaft	Without second shaft end
Shaft diameter	0.3 in (8 mm)
Shaft length	1.0 in (25 mm)
Supply voltage limits	18...55.2 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	-3...4.5 V
Voltage state 1 guaranteed	15...30 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	23...25 V
Maximum switching current	100 mA per output 200 mA total
Protection Type	Overload of output voltage Safe torque off Short circuit of the output voltage
Marking	CE
Type of cooling	Natural convection

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Environment

Standards	IEC 60072-1 IEC 61800-3 EN 61800-3 : 2001-02 IEC 50347 EN 61800-3:2001, second environment IEC 61800-3, Ed 2 IEC 50178
Product Certifications	cUL[RETURN]TÜV[RETURN]UL
Ambient air temperature for operation	104...131 °F (40...55 °C) with power derating of 2 % per °C 32...104 °F (0...40 °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	-13...158 °F (-25...70 °C)
Operating altitude	<= 3280.84 ft (1000 m) without derating
Vibration resistance	20 m/s² 10...500 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	3606485459721
Returnability	Yes
Country of origin	US

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	4.451 lb(US) (2.019 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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 "
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes