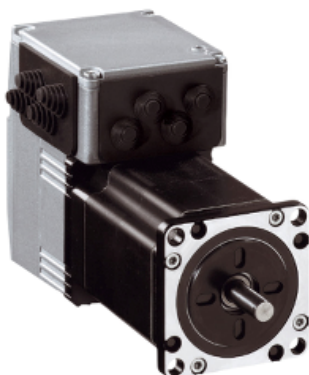




Main

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
Network number of phases	Single phase
[Us] rated supply voltage	24 V 36 V
Network type	DC
Winding type	Medium speed of rotation and medium torque

Complementary

Mounting support	Flange
Motor flange size	66 mm
Number of motor stacks	1
Mounting holes diameter	4.4 mm
Feedback type	BLDC encoder
Second shaft	Without second shaft end
Supply voltage limits	18...40 V
Current consumption	7000 mA peak 5500 mA maximum continuous
Associated fuse rating	10 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 for safety input 3 mA at 24 V on/STO_B for safety input 2 mA at 24 V for 24 V signal interface

Discrete output voltage	23...25 V
Protection type	Safe torque off Short circuit of the output voltage Overload of output voltage
Marking	CE
Type of cooling	Natural convection

Environment

Standards	EN/IEC 50178 EN 50347 IEC 61800-3, Ed 2 EN 61800-3:2001, second environment EN 61800-3 : 2001-02 IEC 60072-1 EN/IEC 61800-3
Product certifications	CUL TÜV UL
Ambient air temperature for operation	50...65 °C 0...50 °C
Permissible ambient air temperature around the device	105 °C power amplifier 110 °C motor
Ambient air temperature for storage	-25...70 °C
Operating altitude	<= 1000 m without
Vibration resistance	20 m/s² (f= 10...500 Hz) 10 cycles conforming to EN/IEC 60068-2-6
Shock resistance	150 m/s² 1000 shocks conforming to EN/IEC 60068-2-29
IP degree of protection	IP41 shaft bushing: conforming to EN/IEC 60034-5 IP54 total except shaft bushing: conforming to EN/IEC 60034-5

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
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

Contractual warranty

Warranty	18 months
----------	-----------