Product data sheet
Characteristics

LXM18PDU10M2X
Servo drive, Lexium 18, PTI/Ana/MB, 1kW, single phase, 220...240V



Main

Range of product	Lexium 18
Device short name	LXM18P
Product or component type	Motion servo drive
Format of the drive	Compact housing
Line current	11 A 156.26 % at 220...240 V, single phase

Complementary

Network number of phases	Single phase
[Us] rated supply voltage	220...240 V (- 15...10 %) for single phase
Supply voltage limits	170…255 V single phase
Supply frequency	50...60 Hz - 5...5 %
Network frequency	47.5...63 Hz
Continuous output current	7.6 A at 8 kHz
Output current 3s peak	22.8 A
Nominal power	1 KW at 220...240 V 8 kHz
Switching frequency	8 KHz
Analogue input number	2
Communication interface	Modbus, integrated Digital I/O, integrated Analog I/O, integrated PTI, integrated PTO, integrated
Width	155.5 Mm
Height	78.0 Mm
Depth	166.5 Mm
Net weight	1.79 Kg

Environment

EMC filter	Without EMC filter
IP degree of protection	IP20
Ambient air temperature for operation	-5…45 °C
Operating altitude	0...1000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.0 Cm
Package 1 Width	22.1 Cm
Package 1 Length	21.0 Cm
Package 1 Weight	2.1 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	7
Package 2 Height	30.0 Cm
Package 2 Width	39.7 Cm
Package 2 Length	59.8 Cm
Package 2 Weight	14.1 Kg

Offer Sustainability

Total lifecycle Carbon footprint	6 600 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	146.0955445545
Carbon footprint of the manufacturing phase [A1 to A3]	146 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2709415842
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0129888119
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	6452.6366932708
Carbon footprint of the use phase [B2, B3, B4, B6]	6 453 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	1.1253712871
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	6600
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised