Product data sheet
Characteristics

LXM18ENU15M2X
Servo drive, Lexium 18, EtherCAT, 1.5kW, 1 Phase, 220V



Main

Range of product	Lexium 18
Device short name	LXM18E
Product or component type	Motion servo drive
Format of the drive	Compact housing
Line current	15.8 A 144.77 % 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	9.5 A at 8 kHz
Output current 3s peak	29.2 A
Nominal power	1.5 KW at 220...240 V 8 kHz
Switching frequency	8 KHz
Communication interface	EtherCAT, integrated Digital I/O, integrated
Width	78 Mm
Height	155.5 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 Cm
Package 1 Width	22.1 Cm
Package 1 Length	21 Cm
Package 1 Weight	2.1 Kg
Unit Type of Package 2	S04

Number of Units in Package 2	7
Package 2 Height	30 Cm
Package 2 Width	40 Cm
Package 2 Length	60 Cm
Package 2 Weight	14.1 Kg

Offer Sustainability

Total lifecycle Carbon footprint	8 166 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	85.58800521512386
Carbon footprint of the manufacturing phase [A1 to A3]	86 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2879295958279009
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.7132099087353324
Carbon footprint of the installation phase [A5]	0.7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	8078.0656647359465
Carbon footprint of the use phase [B2, B3, B4, B6]	8 078 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	1.230039113428944
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	8166
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised