Product data sheet
Characteristics

LXM62DD27D21000
Lexium 62 Double Drive 27 A - accessory kit included



Main

Range of product	PacDrive 3
Device short name	LXM 62
Product or component type	Double drive
Component name	LXM62

Complementary

Product compatibility	Servo motor SHS[RETURN]Servo motor SH3 (100 mm, 3 motor stacks)optimized in terms of to
Network number of phases	Three phase
[Us] rated supply voltage	400 V (- 10...10 %) for three phase 230 V (- 10...10 %) for three phase 230 V (- 10...10 %) for single phase
Supply frequency	50/60 Hz - 5...5 %
Continuous output current	9 A at 4 kHz
Output current 3s peak	27 A at 4 kHz
Continuous power	4.3 KW
Nominal power	4.3 KW
Switching frequency	8 KHz
Overvoltage category	III
Electrical connection	Terminal, clamping capacity: 0.2...15 mm², 24 AWG...16 AWG (CN4) Terminal, clamping capacity: 0.5...16 mm², 20 AWG...6 AWG (CN5) Terminal, clamping capacity: 0.75...16 mm², 18 AWG...6 AWG (CN6) Terminal, clamping capacity: 0.2...6 mm², 24 AWG...10 AWG (CN7)
Tightening torque	CN1: 2.5 N.m
Number of inputs	2 digital 2 touch probe
Discrete input voltage	24 V DC for - 20...25 %
Number of outputs	2 digital
Discrete output voltage	24 V DC
Safety function	STO (safe torque off)
Communication interface	SERCOS III, integrated
Depth	270 Mm
Height	310 Mm
Width	44.5 Mm
Net weight	3 Kg

Environment

Standards	IEC 61800-5-1 IEC 61800-3 CSA C22.2 No 14 IEC 61508 UL 508C ISO 13849-1 IEC 61800-5-2 ISO 13849-2 IEC 62061
Product certifications	CE[RETURN]EAC[RETURN]TÜV[RETURN]CSA[RETURN]UL
IP degree of protection	IP20 conforming to IEC 60529
Vibration resistance	10 m/s² conforming to IEC 60721-3-3
Shock resistance	100 m/s² conforming to IEC 60721-3-3
Pollution degree	2 conforming to IEC 61800-5-2
Environmental characteristic	3K3 conforming to IEC 60721-3-3
Relative humidity	5…85 %
Ambient air temperature for operation	5…55 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.600 Cm
Package 1 Width	33.000 Cm
Package 1 Length	44.000 Cm
Package 1 Weight	3.994 Kg
Unit Type of Package 2	S06
Number of Units in Package 2	10
Package 2 Height	75.000 Cm
Package 2 Width	60.000 Cm
Package 2 Length	80.000 Cm
Package 2 Weight	49.940 Kg

Offer Sustainability

Recyclability potential, in %	57
Total lifecycle Carbon footprint	4 639 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	588.7866369961065
Carbon footprint of the manufacturing phase [A1 to A3]	589 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2894339648903443
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	1.671052427874889
Carbon footprint of the installation phase [A5]	2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	4041.938244045323
Carbon footprint of the use phase [B2, B3, B4, B6]	4 042 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	6.585296322048595
Carbon footprint of the end-of-life phase [C1 to C4]	7 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	4639
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	60beca05-ce1c-43ef-b5f4-b7c0f3eb7d27
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

PVC free	Yes
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised