

Product data sheet

Specifications



Lexium 62 Double Drive 27 A - accessory kit included

LXM62DD27D21000

Main

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

Complementary

Product compatibility	Servo motor SHS Servo motor SH3 (100 mm, 3 motor stacks)optimized in terms of torque and speed Servo motor SH3 (100 mm, 4 motor stacks)optimized in terms of torque and speed Servo motor SH3 (140 mm, 1 motor stacks)optimized in terms of torque and speed Servo motor MH3 (100 mm, 2 motor stacks)optimized in terms of torque and speed
Network number of phases	Single phase Three phase
[Us] rated supply voltage (through power supply module)	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, AWG 24...AWG 16 (CN4) Terminal, clamping capacity: 0.5...16 mm², AWG 20...AWG 6 (CN5) Terminal, clamping capacity: 0.75...16 mm², AWG 18...AWG 6 (CN6) Terminal, clamping capacity: 0.2...6 mm², AWG 24...AWG 10 (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)
Physical interface	SERCOS III
Depth	270 mm

Height	310 mm
Width	44.5 mm
Net weight	3 kg

Environment

Standards	EN 62061 EN 61800-5-1 EN 61800-3 CSA C22.2 No 14 IEC 61508 UL 508C EN/ISO 13849-1 EN 61800-5-2 EN/ISO 13849-2 IEC 62061
Product certifications	CE EAC TÜV CSA UL
IP degree of protection	IP20 conforming to EN/IEC 60529
Vibration resistance	10 m/s² conforming to EN/IEC 60721-3-3
Shock resistance	100 m/s² conforming to EN/IEC 60721-3-3
Pollution degree	2 conforming to EN/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	P06
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

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
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Circularity Profile	End of Life Information
PVC free	Yes
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

Recommended replacement(s)