Product data sheet
Characteristics

LXM52DD12C41000
LXM52 single drive 3A/12A



Main

Range of product	PacDrive 3
Device short name	LXM 52
Product or component type	Single drive
Product compatibility	Servo motor SH3 (55 mm, 3 motor stacks)optimized in terms of torque and speed Servo motor SH3 (70 mm, 1 motor stacks)optimized in terms of torque and speed Servo motor SH3 (70 mm, 2 motor stacks)optimized in terms of torque and speed Servo motor SH3 (70 mm, 3 motor stacks)optimized in terms of high torque Servo motor SH3 (100 mm, 1 motor stacks)optimized in terms of high torque Servo motor SH3 (100 mm, 2 motor stacks)optimized in terms of high torque Servo motor MH3 (70 mm, 2 motor stacks)optimized in terms of torque and speed Servo motor MH3 (70 mm, 3 motor stacks)optimized in terms of torque and speed Servo motor MH3 (100 mm, 1 motor stacks)optimized in terms of torque and speed Servo motor SHS (100 mm, 1 motor stacks)optimized in terms of torque and speed
Component name	LXM52

Complementary

Network number of phases	Three phase
[Us] rated supply voltage	208...480 V - 15...10 %
Supply frequency	50...60 Hz - 5...5 %
Continuous output current	3 A at 8 kHz
Output current 3s peak	12 A
Continuous power	1.6 KW
Nominal power	0.9 KW
Switching frequency	8 KHz
Overvoltage category	III
Electrical connection	Terminal, clamping capacity: 0.75...5.3 mm², 18 AWG...10 AWG (CN1) Terminal, clamping capacity: 0.75...5.3 mm², 18 AWG...10 AWG (CN10)
Tightening torque	CN1: 0.68 N.m CN10: 0.68 N.m
Number of inputs	4 digital 4 touch probe
Discrete input voltage	24 V DC
Number of outputs	2 digital
Discrete output voltage	24 V DC
Contact bounce time	> 1 ms for compliment of STO_A, compliment of STO_B
Communication interface	SERCOS III, integrated
Width	48 Mm
Height	270 Mm
Depth	217 Mm
Net weight	1.8 Kg

Environment

Standards	IEC 61800-5-1 UL 508C IEC 61800-3
Product certifications	UL[RETURN]CE
IP degree of protection	IP20 conforming to IEC 60721-3-3
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
Environmental characteristic	3K3 conforming to IEC 60721-3-3
Relative humidity	5…95 %
Ambient air temperature for operation	0…50 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.500 Cm
Package 1 Width	27.500 Cm
Package 1 Length	32.500 Cm
Package 1 Weight	2.316 Kg
Unit Type of Package 2	S03
Number of Units in Package 2	3
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	7.719 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	24
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	67.000 Kg

Offer Sustainability

Recyclability potential, in %	3
Total lifecycle Carbon footprint	22 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	18.139532446032792
Carbon footprint of the manufacturing phase [A1 to A3]	18 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	3.4210286769415097
Carbon footprint of the distribution phase [A4]	3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.33425838215328685
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Total lifecycle Carbon footprint	22
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	3d0be293-7e12-47d2-b52f-e501202c4302
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, w
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