Product data sheet
Characteristics

LXM52DD12C41000
LXM52 single drive 3A/12A

Main

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

Complementary

Network number of phases	3 phases
[Us] rated supply voltage	208...480 V
Supply frequency	50...60 Hz (- 5...5 %)
Continuous output current	3 A
Output current 3s peak	12 A
Continuous power	0.9 kW
Overvoltage category	III
Electrical connection	Terminal with clamping capacity: 0.75...5.3 mm², AWG 18...AWG 10 (CN10) Terminal with clamping capacity: 0.75...5.3 mm², AWG 18...AWG 10 (CN1)
Tightening torque	0.68 N.m (CN10) 0.68 N.m (CN1)
Number of inputs	4 touch probe 4 digital
Discrete input voltage	24 V DC
Number of outputs	2 digital
Discrete output voltage	24 V DC
Contact bounce time	> 1 ms (compliment of STO_A, compliment of STO_B)
Physical interface	SERCOS III
Product weight	1.8 kg

Environment

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

Offer Sustainability

Sustainable offer status	Not Green Premium product
Product environmental profile	Available Download Product Environmental

Schneider Electric