

Product data sheet

Specifications



Lexium LXM 62 power supply drive - 42/84 A

LXM62PD84A11000

Main

Range Of Product	PacDrive 3
Product Or Component Type	Power supply
Component Name	LXM62

Complementary

Supply Circuit Type	AC
[Us] Rated Supply Voltage	400 V three phase (tolerance: - 10...10 %) 230 V three phase (tolerance: - 10...10 %) 230 V single phase (tolerance: - 10...10 %)
Supply Frequency	50/60 Hz +/- 5 %
[Uc] Control Circuit Voltage	24 V DC (tolerance: - 20...25 %)
Power Supply Output Current	84 A
Bus Voltage	270...700 V
Maximum Dc Bus Voltage	860 V
Maximum Cable Capacity	1.36 mF
[In] Rated Current	21 A single phase AC 42 A three phase AC
Peak Current	42 A single phase AC for 1 s 84 A three phase AC for 1 s
Nominal Power	22.1 kW at 400 V three phase AC 26.6 kW at 480 V three phase AC
Maximum Power	44.2 kW at 400 V three phase AC 53.2 kW at 480 V three phase AC
Holding Time	15 min
Braking Resistance	15 Ohm
Permanent Braking Power	400 W
Maximum Braking Power	46 kW
Output Type	2 relays for volt-free contacts
Physical Interface	SERCOS III
Marking	CE
Safety Level	Can reach SIL 2 conforming to EN 61508 Can reach PL d/category 3 conforming to EN/ISO 13849-1
Overvoltage Category	III conforming to EN 61800-5-1
Depth	270 mm
Width	89.5 mm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Height	310 mm
Net Weight	6.3 kg

Environment

Standards	UL 508C EN/IEC 61800-5-1 EN/IEC 61800-3
Product Certifications	CSA UL
Ip Degree Of Protection	IP20 conforming to EN/IEC 60721-3-3 (with plugged-in connectors)
Vibration Resistance	10 m/s² conforming to EN/IEC 60721-3-3
Shock Resistance	100 m/s² in operation conforming to EN/IEC 60721-3-3 300 m/s² during transport conforming to EN/IEC 60721-3-3
Pollution Degree	2 conforming to EN/IEC 60721-3-3
Environmental Characteristic	3K3 conforming to IEC 60721-3-3 5...85 %
Ambient Air Temperature For Operation	40...55 °C (with current derating of 2 % per °C) 5...40 °C
Ambient Air Temperature For Storage	-25...55 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	18.000 cm
Package 1 Width	34.000 cm
Package 1 Length	45.500 cm
Package 1 Weight	7.312 kg
Unit Type Of Package 2	S06
Number Of Units In Package 2	6
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	52.420 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

✓ Pvc Free

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
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