

# Product data sheet

Specifications



## Lexium LXM 62 power supply drive, 42 to 84A

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 IEC 61508 Can reach PL d/category 3 conforming to ISO 13849-1
Overtoltage category	III conforming to IEC 61800-5-1
Depth	270 mm
Width	89.5 mm

<b>Height</b>	310 mm
<b>Product weight</b>	6.3 kg

## Environment

<b>Standards</b>	UL 508C IEC 61800-5-1 IEC 61800-3
<b>Product certifications</b>	CSA UL
<b>IP degree of protection</b>	IP20 conforming to IEC 60721-3-3 (with plugged-in connectors)
<b>Vibration resistance</b>	10 m/s <sup>2</sup> conforming to IEC 60721-3-3
<b>Shock resistance</b>	100 m/s <sup>2</sup> in operation conforming to IEC 60721-3-3 300 m/s <sup>2</sup> during transport conforming to IEC 60721-3-3
<b>Pollution degree</b>	2 conforming to IEC 60721-3-3
<b>Environmental characteristic</b>	3K3 conforming to IEC 60721-3-3 5...85 %
<b>Ambient air temperature for operation</b>	40...55 °C (with current derating of 2 % per °C) 5...40 °C
<b>Ambient air temperature for storage</b>	-25...55 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	18.000 cm
<b>Package 1 Width</b>	34.000 cm
<b>Package 1 Length</b>	45.500 cm
<b>Package 1 Weight</b>	7.312 kg
<b>Unit Type of Package 2</b>	S06
<b>Number of Units in Package 2</b>	6
<b>Package 2 Height</b>	75.000 cm
<b>Package 2 Width</b>	60.000 cm
<b>Package 2 Length</b>	80.000 cm
<b>Package 2 Weight</b>	52.420 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint 4384

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation [REACH Declaration](#)

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](http://www.P65Warnings.ca.gov)

PVC free Yes

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No