



Lenze E84DSMCC1524R2SNCE

8400 protec StateLine decentralized frequency inverter

Product scope

- A 1.5 kW StateLine inverter operates from the documented 3/PE 320–528 V AC mains range.
- PROFINET and integrated local I/O connect the decentralized axis to the machine controller.
- IP65 / NEMA Type 4 construction supports near-motor mounting in suitable industrial locations.

Manufacturer source

Lenze official 8400 protec product and type-code documentation.

This English web copy combines exact-model specifications with detailed function, system role, operating principle, application scenarios and installation boundaries.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	Lenze E84DSMCC1524R2SNCE	

The enclosed manufacturer pages are reproduced without alteration to technical content. External interactive links and unrelated pages are excluded from this web-optimized copy.

Lenze E84DSMCC1524R2SNCE

8400 protec StateLine decentralized frequency inverter

Verified technical specifications

Values below apply to the exact model or nameplate identified on this page; adjacent family variants are not merged.

Product line	8400 protec StateLine
Rated power	1.5 kW
Mains class	400/500 V
Mains connection	Two hybrid mains plugs
Motor brake control	Cold brake control
Communication	PROFINET
Local control	Integrated I/O
Safety option	No integrated safety function in this code
Service switch	Included
Braking resistor	External resistor option
Mains range	3/PE 320 to 528 V AC
Mains frequency	45 to 65 Hz
Enclosure rating	IP65; NEMA 250 Type 4
Operating climate	3K3, -30 to +55 deg C
Derating above 45 deg C	2.5% per kelvin
Storage temperature	-30 to +60 deg C
Transport temperature	-30 to +75 deg C
Parameter retention	Pluggable memory module supported by the 8400 protec platform

Product function and system role

Exact configuration

Lenze E84DSMCC1524R2SNCE is a 1.5 kW 8400 protec StateLine decentralized inverter for 400/500 V machinery. The order code combines PROFINET, local I/O, cold-brake control, hybrid mains connections and a service switch.

E84DSMCC1524R2SNCE places Lenze 8400 protec StateLine drive functions close to the motor in an IP65 enclosure. Its 1.5 kW power class and 320–528 V AC mains range fit distributed machine sections where long cabinet-to-motor cable runs would add cost and EMC complexity.

Functional role

Power electronics generate controlled motor voltage and frequency while the network exchanges setpoints, status and diagnostics.

The supplied code identifies the cold-brake, two-hybrid-plug, service-switch execution with external-resistor provision.

Key operating characteristics

- A 1.5 kW StateLine inverter operates from the documented 3/PE 320–528 V AC mains range.
- PROFINET and integrated local I/O connect the decentralized axis to the machine controller.
- IP65 / NEMA Type 4 construction supports near-motor mounting in suitable industrial locations.

Operating principle and application guidance

Working principle

PROFINET carries commands, references and diagnostics while integrated I/O handles nearby machine signals. The selected execution also provides cold-brake control, two hybrid mains plugs, an external braking-resistor option and a service switch; no integrated safety function is identified by this code.

Verify connector coding, motor nameplate, brake voltage, memory module and PROFINET identity before restoring the axis configuration.

Application scenarios

- Modular conveyors can distribute drive electronics along the line and connect each axis over PROFINET.
- Packaging cells can use local I/O to shorten sensor and actuator wiring around a driven station.
- Handling equipment with a motor brake can use the documented cold-brake control when the exact brake data matches.

Integration and replacement boundary

The full order string must be retained because similar 8400 protec units differ in communication, connector, brake, safety and switch options. Parameter memory, motor data, network name, I/O mapping and mechanical plug coding should be recorded before the original drive is disconnected.

Critical technical check

E84DSMCC1524R2SNCE has no integrated safety function in the decoded execution, so any safe torque isolation must remain in the external machine safety architecture and be proven after replacement.

Manufacturer evidence used

- Lenze official 8400 protec product and type-code documentation.
 - Official source: <https://www.lenze.com/en-gb/products/inverters/frequency-inverters/8400-protec-frequency-inverter>
- Exact product identity checked: Lenze E84DSMCC1524R2SNCE



GLOBAL INDUSTRIAL AUTOMATION SOURCING

Ready to source this part?

Ask for availability, pricing and delivery options.

Request a fast quote

Include the product title and any required part number or quantity.

EMAIL

info@apterpower.com

PHONE

+86 18106909650



SCAN TO CHAT ON WHATSAPP

REQUEST A QUOTE

PRODUCT: Lenze E84DSMCC1524R2SNCE

Manufacturer pages are reproduced without alteration to technical content.

Apter Power is not an authorized distributor, reseller or representative of the products featured.