E84AYCER

Lenze · Inverter Drives 8400

PROFINET communication option module (MCI slot) for connecting Inverter Drives 8400 StateLine C, HighLine C and TopLine C to a PROFINET network.

Hardware

Protocol: PROFINET RT (IO device with real-time RT communication)
Ports: 2 × RJ45 sockets with LEDs for link/activity (integrated 2-port switch; supports tree, star and line topology)
Baud rate: 100 Mbit/s nominal, automatic detection
Connector: RJ45 (CAT5e S/FTP cable per ISO/IEC 11801)
Node: IO device (real-time RT)
Process data words (PCD, 16-bit): Max. 16 (max. 32 bytes)
Max. cable length between two nodes: 100 m
Number of free slots on drive: 1 MCI slot

Communication

Built-in ports: 2 × RJ45 (PROFINET IN/OUT)
Protocols: PROFINET RT; support of LLDP, SNMP and I&M0-4 identification
Communication expansion: Not applicable (plug-in option module; occupies the MCI slot of the 8400 drive)

Electrical

Supply voltage: Not applicable (option card; powered by host drive via MCI slot; connection option for separate 24 V DC supply)

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Environmental

Operating temperature: -10 °C … +55 °C (3K3, EN 60721-3-3)
Storage temperature: -25 °C … +60 °C (1K3, EN 60721-3-1)
Relative humidity: Not published as numerical value (non-condensing; no specific %RH published in official communication module manual)
Protection rating: IP20 (EN 60529)

Physical

Dimensions (H×W×D): 50 mm × 67 mm × 57 mm (face height b = 50 mm, face width a = 67 mm, depth c = 57 mm; c1 = 8 mm connector offset; per official PROFINET communication manual EDS84AYCER EN 2.0 ch. 4.6 Dimensions, drawing E84YCER001B)
Weight: Not published by manufacturer (module weight not listed in official catalogue; drives rated without communication module)

Lifecycle

Mature: official Lenze 8400 Inverter Drives catalogue and PROFINET communication manual active as of 2026-10; no replacement (product remains in the current Lenze portfolio; official pages active as of 2026-10) (Last verified: 2026-10)
Note: order-code suffix decoded per official PROFINET communication manual (EDS84AYCER): module family E84AYCER (PROFINET); trailing suffix 'V' = coated design, 'S' = standard design. User input 'E84AYCERV-S' corresponds to the E84AYCER family (orderable as E84AYCERV coated or E84AYCERS standard); core protocol/interface data identical for both variants.
Audit status: OFFICIAL_VERIFIED