DFE32B

SEW-EURODRIVE GmbH & Co KG · MOVIDRIVE® PROFINET IO Option Card

FEATURES

PROFINET IO RT fieldbus interface option card for MOVITRAC® B / MOVIDRIVE® B drive inverters.

Hardware

Communication

Built-in ports:
2 x RJ45 (internal switch, auto-crossing)

Protocols:
PROFINET IO RT; HTTP (browser diagnostics); SMLP (Simple MOVILINK Protocol for MOVITOOLS MotionStudio)

Baud rate:
100 MBd full duplex

Port numbers:
300 (SMLP), 80 (HTTP)

Ethernet services:
ARP, ICMP (ping); OSI layer 1/2 Ethernet II

Addressing:
4-byte IP address and/or MAC-ID (00:0F:69:xx:xx:xx)

Manufacturer ID:
010A hex

GSD file name:
GSML-V2.1-SEW-DFE-DPS-2Ports-YYYYMMDD.xml

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Electrical

Rated output power:
Not applicable (PROFINET IO communication card; no standalone power output, powered by host drive)

Rated output current:
Not applicable (PROFINET IO communication card; no standalone current output)

Supply voltage:
Not applicable (PROFINET IO communication card; powered via host drive internal bus or X26 connector)

External voltage supply:
via X26, U = DC 24 V (-15%, +20%)

Current draw:
I_max = DC 200 mA

Power consumption:
P_max = 3.4 W

Environmental

Operating temperature:
Not applicable (option card installed inside drive; manufacturer does not publish standalone environmental specs)

Storage temperature:
Not applicable (option card installed inside drive; manufacturer does not publish standalone environmental specs)

Relative humidity:
Not applicable (option card installed inside drive; manufacturer does not publish standalone environmental specs)

Protection rating:
Not applicable (option card installed inside drive; manufacturer does not publish standalone environmental specs)

Physical

Dimensions (H × W × D):

Not applicable (plug-in card installed inside drive unit)

Weight:

Not applicable (option card installed inside drive; manufacturer does not publish standalone environmental specs)

Lifecycle

MOVITRAC B / MOVIDRIVE B option card; documented in MOVITRAC® B system manual (Last verified: 2026-09)

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