DFP21B

SEW-EURODRIVE GmbH & Co KG · MOVIDRIVE® PROFIBUS DPV1 Option Card

FEATURES

PROFIBUS DP / DP-V1 fieldbus interface option card for MOVITRAC® B / MOVIDRIVE® B drive inverters.

Hardware

Communication

Built-in ports:
9-pin D-sub connector (pin assignment per IEC 61158)

Protocols:
PROFIBUS DP and DP-V1 per IEC 61158

Baud rate:
automatic detection 9.6 kBd - 12 MBd

Bus termination:
not integrated (use PROFIBUS connector with switch-on terminating resistors)

Station address:
1-125, set via DIP switches

GSD file name:
SEW_6009.GSD

DP ID number:
6009 hex (24585 decimal)

Diagnostics:
standard diagnostics 6 bytes

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Electrical

Rated output power:
Not applicable (PROFIBUS DPV1 communication card; no standalone power output, powered by host drive)

Rated output current:
Not applicable (PROFIBUS DPV1 communication card; no standalone current output)

Supply voltage:
Not applicable (PROFIBUS DPV1 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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