

DeviceNet

DeviceNet	Order ref.	EMF2175IB
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The communication module enables the inverter to support the DeviceNet profile.

- The module can be switched over to CANopen via a DIP switch.
- The address and the baud rate can be adjusted via the DIP switch.
- Two LEDs are located on the communication module to indicate the communication status.
- A configuration diskette for DeviceNet containing description files for the devices (EDS files) is included in the scope of supply. The files can be downloaded from the Internet at www.Lenze.com.

General data and application conditions

Communication medium	DIN ISO 11898		
Communication profile	DeviceNet		
DeviceNet device	Slave		
Network topology	Line (terminated at both ends with 120 Ω)		
Max. number of devices	63		
Baud rate [kBit/s]	125	250	500
Max. bus length (thin cable) [m]	100	100	100
Max. bus length (thick cable) [m]	500	250	100
Electrical connection	Screw-type terminals		
DC supply	<ul style="list-style-type: none"> • Internal • External <ul style="list-style-type: none"> – only required if a bus device is switched off or fails but communication with it is to be maintained – supply via separate mains supply – +24 V DC ± 10%, max. 100 mA per module 		
Insulation voltage to reference earth/PE	50 V AC		
Ambient temperature	Operation: 0 ... +55°C Transport: -25 ... +70°C Storage: -25 ... +60°C		
Climatic conditions	Class 3K3 to EN 50178 (without condensation, average relative humidity 85%)		

