

## DP/CAN coupler



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The DP/CAN-coupler links CANopen devices into a PROFIBUS-DP network.

The DP/CAN-coupler is a full-function CANopen Master. It supports network management, SYNC telegrams, and nodeguarding for monitoring the nodes.

On the PROFIBUS-DP, the DP/CAN-coupler is a normal node. The IO data of the CANopen nodes are placed on the Profibus in a transparent and freely configurable way.

The DP/CAN-coupler is linked into the hardware configuration software via a GSD file and can be configured completely there. Further tools are not necessary.

On the PROFIBUS, all standard baudrates up to 12MBit/s are supported, on the CAN bus, up to 1MBit/s.

The PROFIBUS address is set via a DIP switch.

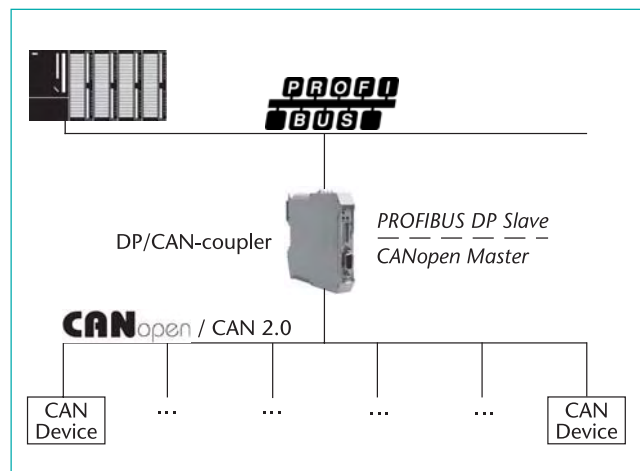
Parameterization of the CANopen nodes via SDO telegrams and management of emergency messages is also possible.

Alternatively, the DP/CAN-coupler can also be used as a CAN Layer 2 device on the CAN bus. This enables the connection of customer-specific CAN protocols via the PROFIBUS, too.

The DP/CAN-coupler is intended for mounting on the DIN sectional rail, and requires a 24V power supply. Because of its small width, it fits even into the smallest cabinets.

### Features

- Up to 15 CANopen participants
- Up to 1 MBit CAN-baudrate
- Simple configuration via GSD file
- CANopen and CAN Layer 2 possible
- Address and function settable via dip switches
- 3 status LEDs



### Ordering Data

	Order No.
DP/CAN-coupler	700-650-CAN01