

Protocol Converter: CANopen to M-Bus

HD67051-B2 Serie - Available in 5 versions: 20-40-80-160-250 slaves

Protocol Converter HD67051 Serie:

Produced by ADFweb.com, is used like language converter from CANopen Protocol to M-Bus and vice-versa, for read M-Bus instruments (Slave) from a Master CANopen.

CANopen:

Is a communication protocol used in the civil/industrial automation based on CAN.

M-Bus:

Is a specific protocol used for the reading of Energy, hot and cold water, gas, pressure, etc. ... of counters and totalizers.

Usually the M-Bus uses a specific physical connection (Physical Layer), but in some cases it uses a RS232 or RS485 [see **HD67055**].

Other Solution Protocol Converter:

Several solutions implemented to cover all the cases presented by the market:

- ♦ Modbus to M-Bus [HD67029M serie]
- ♦ Modbus TCP to M-Bus [HD67044-B2 serie]
- ♦ M-Bus to Modbus [HD67059M serie]
- ♦ PROFIBUS to M-Bus [HD67053-B2 serie]
- ♦ DeviceNet to M-Bus [HD67058-B2 serie]
- ♦ Modbus to Multi-Master M-Bus [HD67063]
- ♦ ... other www.adfweb.com

CANopen to M-Bus HD67051-B2

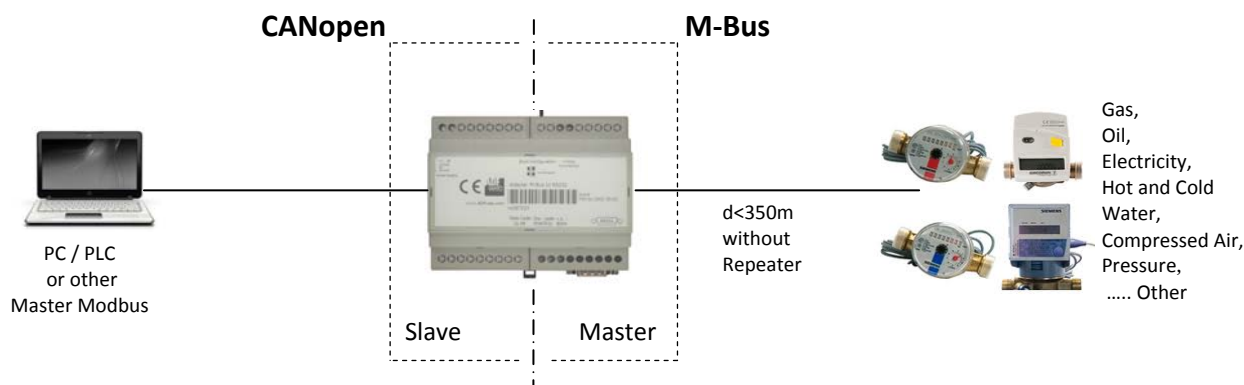
The products of HD67051-B2 series are protocol converter between CANopen and M-Bus. They allows to save on SDO and PDO the informations of M-Bus Slaves devices and then make these values available to a PC/PLC with CANopen connection.

The M-Bus Master allow to connect and to feed up to 250 slaves for length of 350m.

For longer lengths, or with more than 250 slaves, the use of repeaters field **[HD67032M series]** is suggested.

- European standard EN 1434
- Microprocessor control
- Scalable da 1 a 250 slaves
- Galvanic isolation between CANopen and M-Bus
- 35 mm DIN rail mounting
- Settable transmission speed from 300 to 38400 baud
- AC/DC Power supply

Quick
PRICE



Order Code	HD67051-B2-20	HD67051-B2-40	HD67051-B2-80	HD67051-B2-160	HD67051-B2-250
Technical data:	20 slaves	40 slaves	80 slaves	160 slaves	250 slaves
Operating voltage:	18V .. 35V DC 15V .. 21V AC	18V .. 35V DC 15V .. 21V AC	18V .. 35V DC 15V .. 21V AC	18V .. 35V DC 15V .. 21V AC	18V .. 35V DC 15V .. 21V AC
Consumption single slave:	1,5 mA	1,5 mA	1,5 mA	1,5 mA	1,5 mA
Min / Max-load consumption:	3,5W / 4W	3,5W / 5W	3,5W / 8W	3,5W / 14W	3,5W / 30 W
M-Bus voltage (without load):	38V	38V	38V	38V	38V
Max. M-Bus quiescent current:	30mA (20 unit loads)	60mA (40 unit loads)	120mA (80 unit loads)	240mA (160 unit loads)	375mA (250 unit loads)
Overcurrent threshold:	250mA	250mA	250mA	500mA	500mA
Transmission speed CANopen:	up to 1000 kbps	up to 1000 kbps	up to 1000 kbps	up to 1000 kbps	up to 1000 kbps
Transmission speed M-Bus:	300 .. 38.400 baud	300 .. 38.400 baud	300 .. 38.400 baud	300 .. 38.400 baud	300 .. 38.400 baud
Galvanic Isolation to M-Bus	yes	yes	yes	yes	yes
Temperature range °C / °F:	-40/+70°C [-40/+158°F]	-40/+70°C [-40/+158°F]	-40/+70°C [-40/+158°F]	-40/+70°C [-40/+158°F]	-40/+70°C [-40/+158°F]
Dimensions DxWxH	106x60x95 mm	106x60x95 mm	106x60x95 mm	106x63x95 mm	106x75x95 mm



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QR—quick response
(matrix code)

info CANopen to M-Bus
HD67051-B2 serie

