



MCM210 module including connector

Designed for machinery and vehicle technology the MCM210 series offers:

Digital I/O module

MCM210 is a digital I/O module which uses CAN bus as network.

High current outputs

MCM210 offers 8 half bridges or 4 full bridges for motor activation with a current load of 5 A. 4 outputs, each dedicated to a bridge, are PWM capable. The status of the several outputs can be retraced via diagnosis cable.

Robust enclosure

The electronics of the module are protected against environmental conditions like dust and humidity by means of the sealed enclosure according to protection rating IP 67.

Joystick activation

Via 4 additional analogue inputs MCM210 is also appropriate for activation of joysticks. 4 analogue inputs can be used for measurement of an axis of the joystick handhold, also 4 digital inputs for neutral position contacts and other for additional gate inputs which may be integrated on the joystick.

Comfortable configuration

The configuration of the module can be realized with the help of our free software "MCMUtility".

Technical data:

Dimensions	w 134 x h 117,5 x d 36 mm
Weight	250 gram
Fixture	screw assembly
Input resistance	500 ohm (on 0-20 mA)
Supply voltage	10 - 32 VDC
Interfaces	CAN ISO11898
Number of analogue inputs	4 (0-20 mA / 0-10 V), resolution: 10 Bit
Number of digital outputs	8 half bridges for motor activation, 5 A
Number of digital inputs	4 (dig. inputs / counter inputs)
Number of switchable digital in-/outputs	2 outputs, each with 2 A or 2 inputs
Test standards EMC, temperature, vibration, shock	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN60068-2-6, EN60068-2-27, EN60068-2-2, EN60068-2-30
Protection rating	IP67 acc. to DIN60529
Operating temperature	-25°C to +70°C
Storage temperature	-40°C to +80°C

We reserve the right to make technical alterations without prior notice. Status: April 3 2009. H252A1

