

# CA08V Module

CANBUS MODULE WITH 8 ANALOG OUTPUTS

CA08V is a CanOpen protocol CanBus module with 8 analog outputs mountable on a standard DIN rail.

The space required for installation is minimized by the vertical design of the module.

For connection 6 spring connectors are provided:

- One 4 points group, where 2 of the points are used for the module 24 V power supply;
- One 8 points group the CanBus line, connected in pairs with the following scheme:
  - left +24V\_CAN;
  - middle left GND\_CAN;
  - middle right CANH;
  - right CANL;
- Four 5 points groups for connection of two analog outputs. For each group, individually removable, the meaning of connectors is reported for each typology
  - Unused;
  - Even analog output, 0V reference;
  - Even analog output;
  - Odd analog output, 0V reference;
  - Odd analog output.



## Technical specifications

|                                 |   |
|---------------------------------|---|
| Dimensions (H x W x D)          | 120 x 23 x 112 mm                       |
| Mounting                        | Standard DIN rail                       |
| Power supply                    | 24 V (18 – 36 V)                        |
| Module power consumption        | 120 mA                                  |
| Analog outputs                  | 8                                       |
| Output voltage                  | +10/-10 V                               |
| DAC resolution                  | 12 bit                                  |
| Minimum load resistance         | 10 kOhm                                 |
| CanBus Baud Rate                | 125 kbps / 250 kbps / 500 kbps / 1 Mbps |
| Marking                         | CE                                      |
| Operating temperature           | 0 – 55 °C                               |
| Storage temperature             | -20 – 85 °C                             |
| Warehousing humidity            | 95% max non-condensing                  |
| CanOpen standard specifications | DS301 – DS401                           |
| Protection marking              | IP20                                    |