

84.95 EUR  
incl. 19% VAT, plus [shipping](#)

- Industrial Arduino IDE !
- Built-in OLED Display !
- Flexible programming !
- 8Mhz CPU !



**Support:** [Datasheet](#) | [Brochure](#) | [Quick Start](#) | [Applications](#)

NORVI Cema Industrial Arduino is the most compact version of NORVI series. Yet it has 8 Outputs and 8 Inputs, beating all the devices of same size on the market. Two transistor outputs of it adds PWM or Pulse output capabilities. It comes with a 6 pin expansion port with Serial output. Cema is leading with reliability in the industrial environments.

- 8x Sink/Source Digital Inputs (24V)
- 8x Open collector Transistor
- Programmable with Arduino IDE
- Integrated OLED and buttons programmable as HMI
- LED indicators for easy diagnosis

|                                       |   |
|---------------------------------------|---|
| <b>Main</b>                           |   |
| Range of product                      | NORVI CEMA  |
| Product type                          | Programmable Controller   |
| Rated supply voltage                  | 24V DC  |
| Discrete input number                 | 8 discrete input  |
| Discrete output type                  | Relay and Transistor  |
| Discrete output number                | 6 Relay outputs,<br>2 Transistor outputs  |
| Discrete output voltage               | 24V DC for transistor output  |
| Discrete output current               | 0.5A with T0.0... T0.1 Transistor 2 A with R0....R5   |
| <b>Complementary</b>                  |   |
| Discrete IO number                    | 16  |
| Number of Expansions                  | -----   |
| Supply voltage limits                 | 20.4 ..... 28.8V  |
| Inrush current                        | <= 50A  |
| Power consumption in W                | 32.6 ..... 40.4 with all outputs ON   |
| Discrete logic Input                  | Sink or source  |
| Discrete input Voltage                | 24V DC  |
| Voltage TypeVoltage state 1           | > = 15V for Input   |
| Voltage TypeVoltage state 0           | < = 5V for input  |
| Discrete Input Current                | 5mA for Input   |
| Input impedance                       | 4.7k Ohm for Input  |
| Local signalling                      | 1 LED green for PWR<br>1 LED green for RUN<br>8 LED green for I0.....I7<br>6 LED green for R0.....R5<br>2 LED green for T0....T1          |
| Electrical connection                 | Removable screw terminal block for inputs and outputs (pitch 5.08 mm)   |
| Mounting support                      | Top hat type TH35-15 rail conforming to IEC 60715<br>Top hat type TH35-7.5 rail conforming to IEC 60715<br>Plate or panel with fixing kit |
| Height                                | 90.50 mm  |
| Depth                                 | 56.60 mm  |
| Width                                 | 60.60 mm  |
| Weight                                | 0.43 kg   |
| <b>Environment</b>                    |   |
| Resistance to electrostatic discharge | 4kV on contact, 8kV on air  |
| Resistance to electro magnetic fields | 10 V/m (80 MHz ..... 1 GHz)<br>3 V/m (1.4 MHz ..... 2 GHz)<br>1 V/m (2 MHz ..... 3 GHz)   |
| Immunity to microbreaks               | 10 ms   |
| Relative humidity                     | 10....95% without condensation in operation   |
| IP degree of protection               | IP20  |
| Operating altitude                    | 0...2000m   |
| Storage altitude                      | 0...3000m   |
| Shock resistance                      | 15 gn for 11 ms   |
| Resistance to electrostatic discharge | 4kV on contact, 8kV on air  |
| Resistance to electro magnetic fields | 10 V/m (80 MHz ..... 1 GHz)<br>3 V/m (1.4 MHz ..... 2 GHz)<br>1 V/m (2 MHz ..... 3 GHz)   |