

98.95 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)
- 6x 5A Relay Outputs
- 2x Open collector Transistor
- Programmable with Arduino IDE
- Intergrated OLED and buttons programmable as HMI
- LED indicators for easy diagnosis

| | |
|---------------------------------------|---|
| Main | |
| 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, 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 |
| Complementary | |
| 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 1 LED green for RUN 8 LED green for I0.....I7 6 LED green for R0....R5 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 Top hat type TH35-7.5 rail conforming to IEC 60715 Plate or panel with fixing kit |
| Height | 90.50 mm |
| Depth | 56.60 mm |
| Width | 60.60 mm |
| Weight | 0.43 kg |
| Environment | |
| Resistance to electrostatic discharge | 4kV on contact, 8kV on air |
| Resistance to electro magnetic fields | 10 V/m (80 MHz 1 GHz) 3 V/m (1.4 MHz 2 GHz) 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) 3 V/m (1.4 MHz 2 GHz) 1 V/m (2 MHz 3 GHz) |