



349.95 EUR

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

- STMF103VCT6 !
- RS-485 Communication !
- Ds1307 RTC !
- W5500 Ethernet !

- OLED Display 0.96"
- 14x Sink/Source Digital Inputs
- 10x 2A Relay outputs
- 2x NPN Transistor outputs
- 1x RS-485 Communication
- 2x Analog inputs 4-20mA
- 2x Analog inputs 0-10V DC
- W5500 Ethernet Connectivity
- micro-SD Card support

NORVI Arita is a higher capacity version of NORVI Series. Selection five standard models available with a choice two powerful micro-processors. Arita is designed to yield the every bit of performance in the micro-controller without compromising its reliability. It is compatible with almost every industrial input and output type. Connectivity is the factor which makes it suite today's world, for a connected world, we have included all the industrially accepted communication methods in it. Arita is used everywhere, it has many characters, it can be a motion controller handling heavy positioning tasks or a data logging server.

|                                       |                                                                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product                      | NORVI ARITA                                                                                                                                       |
| Product type                          | Programmable Controller                                                                                                                           |
| Rated supply voltage                  | 24V DC                                                                                                                                            |
| Discrete input number                 | 14 discrete input , interrupts configurable on each input                                                                                         |
| Analog input number                   | 2x 4-20mA and 2x 0-10V DC                                                                                                                         |
| Discrete output type                  | Relay and Transistor                                                                                                                              |
| Discrete output number                | 10 Relay outputs , 2 Transistor outputs                                                                                                           |
| Discrete output voltage               | 24V DC for transistor output                                                                                                                      |
| Discrete output current               | 0.5A with T0.0... T0.1 Transistor<br>2 A with R0....R4 and Q0....Q4 Relay outputs                                                                 |
| Display                               | OLED Display 0.96"                                                                                                                                |
| Connectivity                          | W5500 Ethernet                                                                                                                                    |
| Storage                               | micro-SD Card support                                                                                                                             |
| <b>Complementary</b>                  |                                                                                                                                                   |
| Discrete IO number                    | 26                                                                                                                                                |
| Number of Expansions                  | 4                                                                                                                                                 |
| 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                                                                                                                                               |
| Discrete input voltage type           | DC                                                                                                                                                |
| Voltage state 1 guaranteed            | ≥15 V for input                                                                                                                                   |
| Voltage state 0 guaranteed            | ≤5 V for input                                                                                                                                    |
| Discrete input current                | 5 mA for input                                                                                                                                    |
| Input impedance                       | 4.7k Ohm for input                                                                                                                                |
| Memory capacity                       | Refer datasheet of base micro-controller                                                                                                          |
| Battery type                          | Lithium non rechargeable *Model 8 Only                                                                                                            |
| Backup time                           | 2 years at 25°C *Model 8 Only                                                                                                                     |
| Local signalling                      | 1 LED green for PWR<br>1 LED green for RUN<br>14 LED green for I0.....I14<br>10 LED green for Q0.....Q4 and R0.....R4<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                                | 86.60 mm                                                                                                                                          |
| Depth                                 | 56.60 mm                                                                                                                                          |
| Width                                 | 122.10 mm                                                                                                                                         |
| Product weight                        | 0.43 Kg                                                                                                                                           |
| <b>Environment</b>                    |                                                                                                                                                   |
| Resistance to electrostatic discharge | 4kV on contact<br>8kV on air                                                                                                                      |
| Resistance to electro magnetic fields | 10 V/m (80 MHz ..... 1GHz)<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                                                                                                                                   |