



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.

Main

| | |
|-----------------------------|---|
| 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 2 A with R0....R4 and Q0....Q4 Relay outputs |
| Display | OLED Display 0.96' |
| Connectivity | W5500 Ethernet |
| Storage | micro-SD Card support |
| Complementary | |
| 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 1 LED green for RUN 14 LED green for I0.....I14 10 LED green for Q0.....Q4 and R0.....R4 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 | 86.60 mm |
| Depth | 56.60 mm |

Width 122.10 mm

Product 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 1GHz)

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