54.95 EUR
incl. 19% VAT, plus shipping

- Inputs up to 30V DC!
- I2C !
- MCP23008 !

Expansion Module Adding functions for controllers NORVI is always about on connectivity and expandability. This is the time to make use of Expansion port of NORVI Controllers. The series of expansion modules connects to NORVI IoT controllers via its I2C and UART connections. You can add more features to the NORVI Controller without huge customizations. NORVI provides true technology with reliability for industrial applications being worlds iot hardware manufacturer. We have included NB-IoT, LoRa and analog modules as expansions.

- Optically Isolated Digital Inputs
- Inputs can withstand voltages upto 36V DC
- Internally Pulled Up
- MCP23008 Port Expander
- Address Configurable Over DIP Switch
- 4 x Digital Inputs Sink / Source

Product Specification	
Range of product	NORVI EX
Product type	I/O Expansion Module
Rated supply voltage	24V DC
Discrete input number	4 discrete input
Communication	I2C
Main	

Supply voltage limits	20.4….28.8V
Inrush current	<=10A
Discrete logic input	Sink or source
Discrete input voltage	24V 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
Local signaling	1 LED green for PWR
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
Product weight	0.18 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
Operating Temperature	–40°C to +125°C
Storage altitude	0…3000m
Shock resistance	15 gn for 11 ms