



109.95 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
- 16 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	16 discrete input	
Communication	I2C	
Main		
Supply voltage limits	20.428.8V	
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	
Liectical confidential	(pitch 5.08 mm)	
	Top hat type TH35-15 rail conforming to IEC 60715	
Mounting support	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	
	10 V/m (80 MHz 1GHz)	
Resistance to electro magnetic fields	3 V/m (1.4 MHz 2 GHz)	
	1 V/m (2 MHz 3 GHz)	
Immunity to microbreaks	10 ms	
Relative humidity	1095% without condensation in operation	
IP degree of protection	IP20	
Operating altitude	02000m	
Operating Temperature	-40°C to +125°C	
Storage altitude	03000m	
Shock resistance	15 gn for 11 ms	