59.00 EUR
incl. 19% VAT, plus shipping

- Norvi X Series !
- 8x Relay Output !
- Extension !

Support: Specifications

- 8 × Electromechanical relay outputs (COM / NO)
- Controlled via PCA9538 I²C I/O expander
- Industrial relay with high endurance
- Suitable for AC and DC load switching
- Compact DIN-rail compatible expansion module
- Designed for NORVI X modular architecture

The NORVI X-R8 is a 8-channel relay output expansion module designed for the NORVI X modular controller platform. It provides electrically isolated relay outputs suitable for industrial control, automation, and power switching applications.

Relay outputs are controlled via an I²C I/O expander (PCA9538), allowing reliable expansion with minimal MCU I/O usage.

Range of product	NORVI X
Product type / Model	Expansion Module f. NORVI X Series NORVI X-R8
Certifications	EN 61131-2:2007 EN 61010-1:2010+A1:2019 EN IEC 61010-2-201:2018 2014/30/EU- Electromagnetic Compatibility (EMC) Annex III, Part B, Module C
Dimmensions	81 x 104 x 23 mm

Mounting	DIN RAIL
Terminal Type	Push-in terminal
Envirement	**IP20** Operating altitude: 0-2000 meters Operating Temperature: -10 ... - +85°C Shock resistance: 15 gn for 11ms Resistance to electrostatic discharge: 4kV on contact / 8kV on air
Supply Voltage (V)	24V / 80mA
I/O Specification	
Number of Outputs	8x SPST Relays Outputs
Output Type	Single Pole Normally Open Relay
Insulation System	Class F IEC 61810 Standard
Rated Switching Voltage	250 VAC / 30 VDC
Maximum Switching Voltage	277 VAC / 5 A
Breaking Capacity (Max)	1250 VA (AC) | 750 W (DC)
Contact Material	AgNi, gold-plated
Initial Contact Resistance	≤ 30 mΩ (5 VDC, 100 mA)
Mechanical Endurance	10 × 10■ operations
Power Supply	24 V DC (shared with CPU via expansion port)
Communication	Direct GPIO / Internal Expansion Bus Push-in Terminal Block