

59.00 EUR

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

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



Support: [Specifications](#)

- 8 x 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.

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|----------------------|---|
| 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 |
| Dimensions | 81 x 104 x 23 mm |

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|----------------------------|--|
| 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 ⁶ operations |
| Power Supply | 24 V DC (shared with CPU via expansion port) |
| Communication | Direct GPIO / Internal Expansion Bus Push-in Terminal Block |