

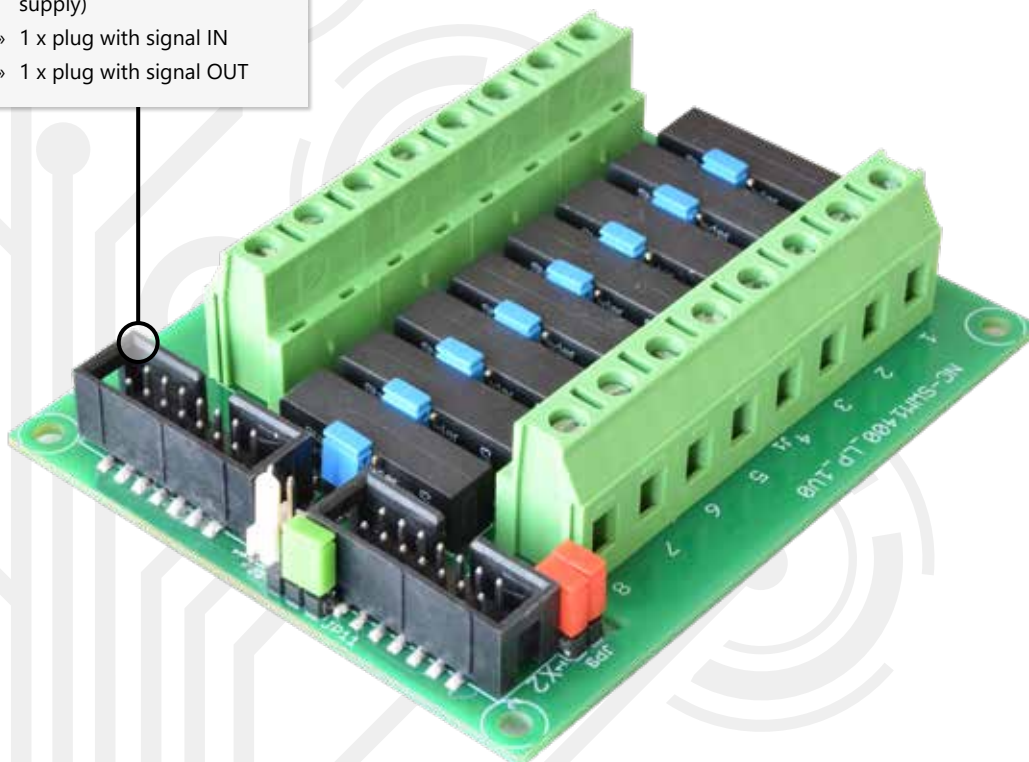
NovaCarts CAN Switching – Relay Module

The relay module is a slave top hat rail module which controls eight high-voltage relays. It can only be used in combination with the NovaCarts CAN Switching – Control Module – NC-SWM1011.

The relay module offers eight high-voltage relays for which eight signals can be switched as “normally closed” or “normally open” contacts via a jumper. The SPI data lines and the relay driver supply are provided by the control module and are passed through for another NC-SWM1400 module. Up to 16 NC-SWM1400 modules can be cascaded and controlled by a single NC-SWM1011 control module.

Connections

- » 1 x plug IN (SPI interface, relays driver power supply)
- » 1 x plug OUT (SPI interface, relay driver power supply)
- » 1 x plug with signal IN
- » 1 x plug with signal OUT



Data Sheet

Module name: **NC-SWM1400**

Data sheet version: **1V3**

Features

Power supply voltage	12 V
Operating temperature	0 to +55 °C
Storage temperature	-20 to +70 °C
Humidity	10 to 90 % (no condensation)
Dimension	Height: 71 mm, Width: 86 mm
Connection to RT system	Via NC-SWM1011 Module

Specifications

Maximum switching voltage relay	1,000 V
Maximum switching current relay	1 A
Maximum switching power relay	100 W