

# Adjustable Relay Module NP-NRM-10

## Description:

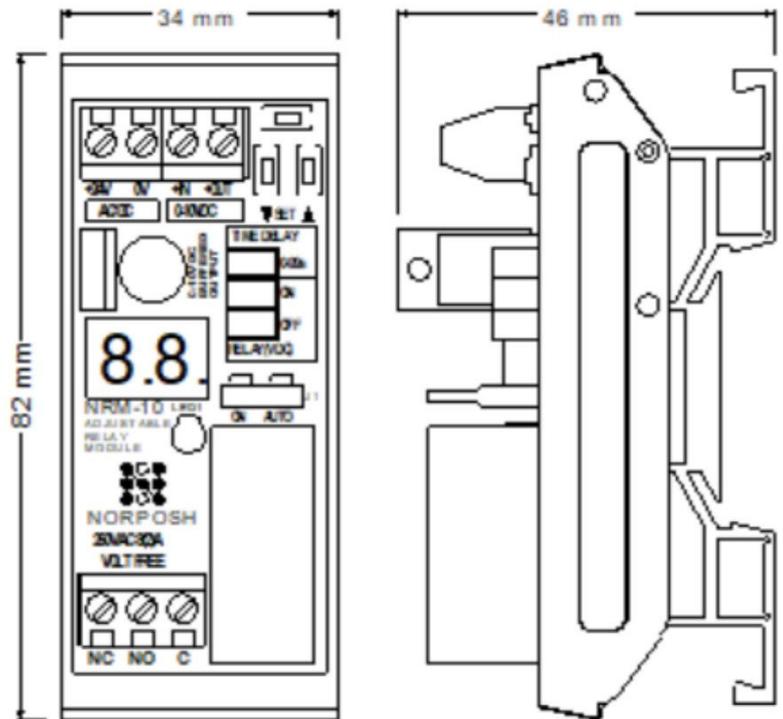
The NP-NRM-10 is a Digital, advanced in features, compact and economical adjustable relay module. It takes 0-10VDC input and turns on/off relay at user adjusted ON and OFF switch points. The module has 0-99s adjustable time delay as well. On board seven-segment display shows input voltage, switch points and time delay therefore switch points and time delay can be adjusted accurately via three push buttons on board.



## Features:

- Extremely compact, fully Microprocessor controlled with seven-segment display. Input voltage and switch points are displayed on seven-segment with 0.1V resolution
- High impedance 0-10VDC input, typ.(100K $\Omega$ ) and low impedance buffered output typ. (5mA@10VDC)
- 0-99 seconds accurate time delay
- Relay ON/OFF switch points and time delay can be adjusted accurately via push buttons
- Volt free relay output (SPCO)
- Visual LED relay status
- Jumper link for commissioning, ON/AUTO (OFF when link is removed)
- 24VAC/DC powered
- Din-rail PCB Holder

## Dimensions:



## Technical Specification:

<b>Power Supply:</b>	24VAC/DC
<b>Input (+IN):</b>	0-10VDC, $R_{in}$ 100 $\Omega$
<b>Buffered output (+OUT):</b>	0-10VDC, $I_{out}$ 5mA@10VDC
<b>Switch Points Range:</b>	ON (0.1-10V), OFF (0-9.9V)
<b>Display Resolution:</b>	0.0-9.9V(0.1V), $\geq 10V(1V)$
<b>Time Delay:</b>	0-99 seconds
<b>Volt-free relay output (SPCO):</b>	8(2)A, 250VAC
<b>Dimensions:</b>	34 x 82 x 46 (W x H x D)

## Order Code:

**NP-NRM-10** Adjustable Relay Module