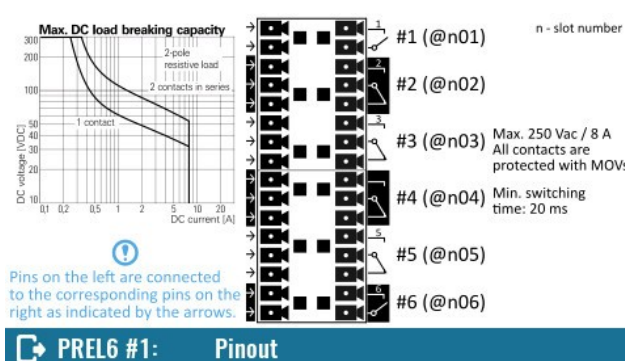
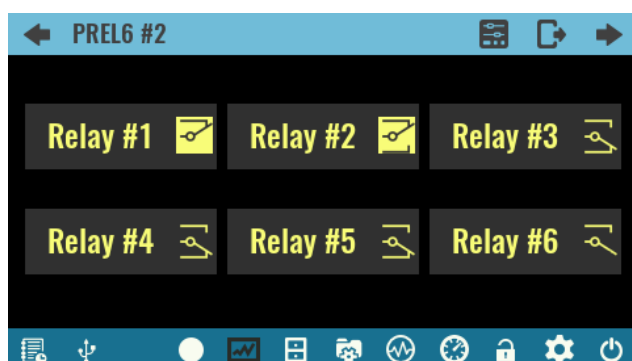


EEZ DIB PREL6 POWER RELAYS MODULE



PREL6 is a simple module designed to control up to six power circuits using standard DPDT (Double-Pole Double-Throw) relays for currents up to 8 A per contact. The module has two 16-pin 3.81 mm connectors on the front panel thanks to which it is possible to quickly and easily connect the wires without the need for an additional breakout box. 8-way pluggable female terminal connector blocks in low-profile push-in and screw-fasten variants can be used to connect the wires.

The PREL6 is fully programmable locally via TFT touchscreen or remotely using SCPI commands from the free and cross-platform [EEZ Studio](https://www.envox.eu/EEZ-Studio) or any other SCPI controller application.



Feature list

- On-board STM32F030C6T6 ARM Cortex-M0 Value line MCU, 32 KiB Flash, 48 MHz, LQFP-48 package
- 2 x 16-pin dual row 3.81 mm connectors
- 4 x SPDT relays, max. 8 A / 230 Vac
- 2 x SPST relays, max. 8 A / 230 Vac
- On-board +3.3 V LDO
- Firmware download via UART
- Optional SWD for debugging
- EEPROM for storing board specific parameters
- Dimensions: 146 x 95 mm, 2-layer PCB
- Open source design

Weight	0.215 kg
Package dimensions	22 × 15.5 × 8.5 cm
HS Code	90309000
Country of origin	Croatia (HR)
SKU	00038
Web page	https://www.envox.eu/switches-and-multiplexers/eez-dib-prel6-power-relays-module/
GitHub repository	https://github.com/eez-open/dib-prel6