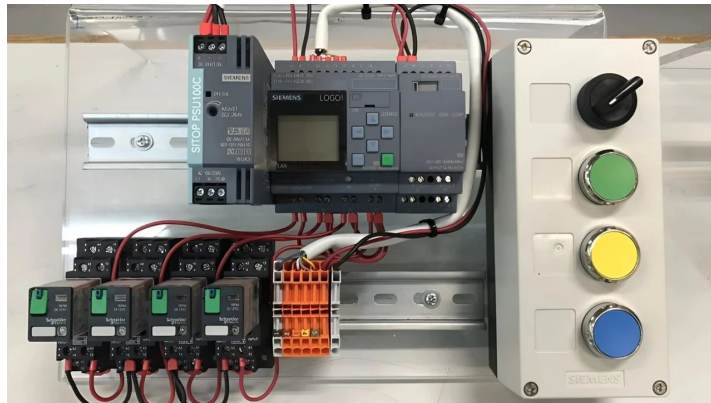


Programmeble Relay

Category: Mechatronics · Model reference: MZM-2023



SPECIFICATIONS

DESCRIPTION

A programmable relay, often a compact version of a plc (programmable logic controller), allows for simple programming to control electrical circuits, making it ideal for hands-on learning. by simulating small projects, such as controlling fan speeds or managing lighting based on sensor input.

B. SPECIFICATIONS

LOGO! Basic Modules

Display - with display - Yes

Installation type/mounting

Mounting - on 35 mm DIN rail, 4 spacing units wide

Supply voltage

Rated value (DC)

a. 115 V DC Yes

b. 230 V DC - Yes; 240 V DC

Permissible range, lower limit (DC) - 100V

Permissible range, upper limit (DC) - 253 V

Rated value (AC)

a. 115 V AC Yes

b. 230 V AC - Yes; 240 V AC

Line frequency

a. permissible range, lower limit - 47 Hz

b. permissible range, upper limit - 63 Hz

Time of day

Time switching clocks

a. Number - 400; Max. 400, function-specific

b. Power reserve - 480 h

Digital inputs

a. Number of digital inputs - 8

Digital outputs

a. Number of digital outputs 4, relays

b. Short-circuit protection no, external fusing necessary

Relay outputs

Switching capacity of contacts

a. with inductive load, max. 3 A

b. with resistive load, max. 10 A

EMC

Emission of radio interference acc. to EN 55 011

a. Limit class B, for use in residential areas - Yes; Radio interference suppression according to EN55011, Limit Value Class B

Standards, approvals, certificates

a. CE mark - yes

b. CSA approval - No; covered by UL cert

c. UL approval - yes

d. FM approval - yes

e. developed in accordance with IEC 61131 - yes

f. according to VDE 0631 yes

g. Marine approval - Yes; in preparation

Ambient conditions

Ambient temperature during operation

a. min. - -20 C; No condensation

b. max. - 55

Ambient temperature during storage/transportation

a. min - (- 40 C)

b. max. (70)

Altitude during operation relating to sea level

a. Ambient air temperature-barometric pressure-altitude - Tmin ...

Tmax at 1 080 hPa ... 795 hPa (-1 000 m ... +2 000 m)

Dimensions

a. Width - 71.5 mm

b. Height - 90 mm

c. Depth - 60 mm

Accessories input & output

a. Start & stop button come with push button box

b. Signal Tower lamp foldable (red/yellow/Green) 3 phase

distribution box metal type complete with DIN rail and cable ducting

