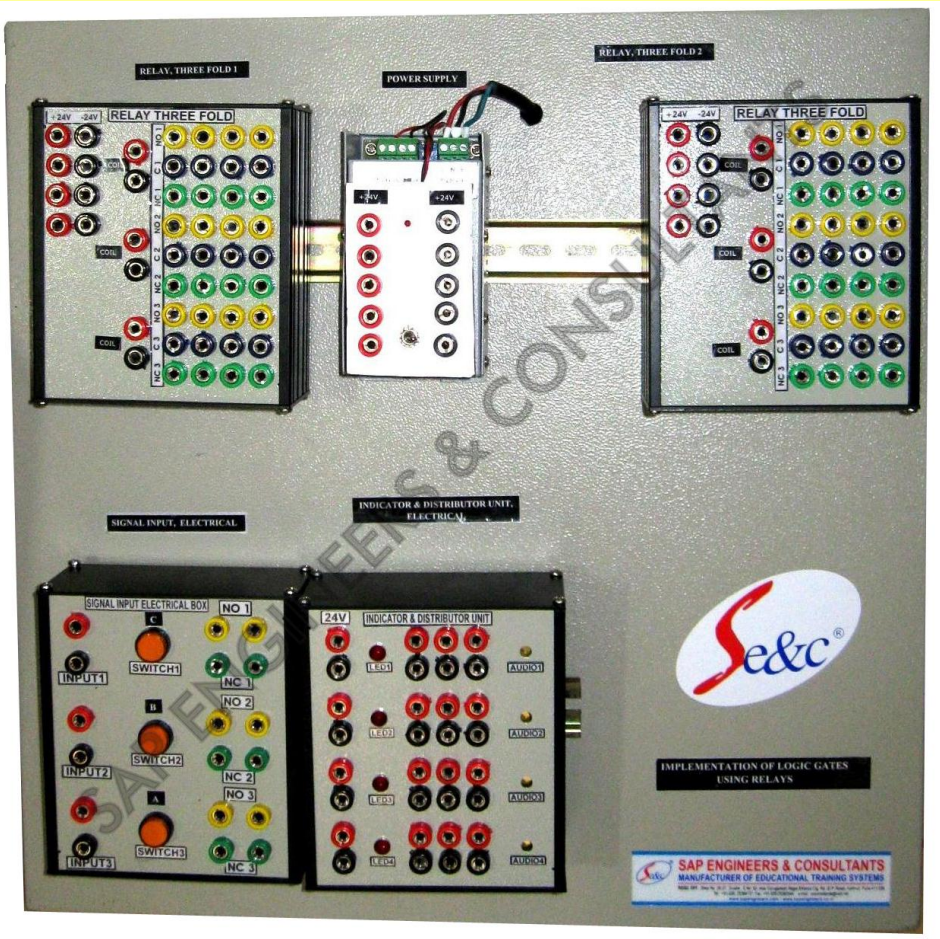
SAP E&C IMPLEMENTATION OF LOGIC GATES USING RELAYS (SAP 84)

The Setup of Implementation using Relays is useful for understanding the Basic Principles of Logic Gates using Relays. This Set-up demonstrates the operation of different Logic gates using Relays.



TECHNICAL SPECIFICATION:

- **Relay, Three fold:** - 2 No. : The device has three relays with terminals and two buses for power supply. Contact set – 4 change-over switches, Contact load – maximum 5 A
- **Signal Input, Electrical** -: 1 No. : The device contains an illuminated push-button switch (control switch) & two illuminated push buttons (momentary contact switches) with terminals and two buses for power supply. Contact set – 2 makes, 2 breaks, Contact load – maximum 1A.
- **Indicator & Distributor Unit, electrical** –: 1 No. : The device contains an acoustic indicator and four lamps with terminals and three buses for power supply. Through-contact socket pairs per lamp allow the element to also be used as a Distributor.
- **BS 5 Patch Cords :-** Red 10 nos. & Black 10 nos, Length 30 cm / 45cm.
- **M.S. Powder coated Platform:** For mounting the Relay 3 Fold, Signal Input Electrical & Indicator & Distributor Unit. The components are capable of being mounted on an appropriate DIN Rail.

FEATURES:

- Industrial components are used in the kit so that the students get hands on practical training in using industrial components.
- Compact Ergonomic Design.
- User Friendly, Self Explanatory Systems.
- Robust Construction..
- Enhanced Electrical Safety Considerations.
- Training Manuals, Mimic Charts for Operation Ease.
- Inbuilt Safety Measures to avoid improper usage.
- Computer Interface & SCADA Application software connectivity for analysis

RANGE OF EXPERIMENTS :

- Study of Digital Logic
- Study of AND Gate
- Study of OR Gate
- Study of NOT Gate
- Study of NAND Gate
- Study of NOR Gate
- Study of EX-OR Gate
- Study of EX-NOR Gate
- Study of Relays

Services Required: Electric supply 230 V AC, 50 Hz.

Note: All descriptive matter and illustrations are intended to give only a general idea of the equipment. Detailed specifications may be altered at the company's discretion without notice.

Manufactured/Marketed By

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