ELECTRONIC CONTROL TRAINER FOR REFRIGERATION AIR COND

Model Number : GOTT-ECTFRAC-30

DESCRIPTION

GOTT-ECTFRAC-30 designed to demonstrate the principle of electronic controllers that are used air-conditioning and refrigeration especially for temperature control. The trainer features a panel mounted controller that has been specially developed for control systems in refrigeration and heat plants so that operation, setting and programming are optimized and simplified as much as possible. It comes in a portable case complete with all diagrams instruction and accessories for operation. The controller is designed for defrost and room temperature control via pump down or compressor start-stop in refrigeration plants. The unit works on a bench top and includes facilities for operation of the controller such as mimic function diagram showing typical application and illuminated LED's to stimulate the operation of the refrigeration.

TECHNICAL SPECIFICATION

- Power input socket for 220-240VAC input
- Humidity Sensor
- MCB for humidity control
- MCB for Temperature Control
- Air Cond Humidity Controller (SF-468)
- Air Cond Temperature Controller (ED108)
- Temperature sensor
- Output Control
- PLC input terminal
- Emergency stop button
- PLC output terminal
- 230VAC power supply output terminal
- Output Control
- Relay
- 230VAC Lamp

PLC SPECIFICATIONS

- This programmable logic controller uses industrial-grade 32-bit MCU with strong anti-interface and faster speed
- High quality chip, stable performance, on-line download, on-line monitoring, automotive save when power off
- Program is written in ladder logic programming language, supports for GX-Developer
- Programming port is the port for program upload, download, test and monitor.
- It is reusable, stable, easy to learn. The PLC transmission baud rate is 9600
- Working voltage : DC24 (V)
- Wide Power Supply Voltage: 10-28VDC
- Baud Rate: 9600
- Programming software : GX- Developer
- Input Points: 8
- Output points: 6

EXPERIMENT TOPICS

- Familiar with ED108 Operation
- Familiar with SF-468 Operation
- Compressor Temperature Control
- Defrost Function
- Evaporator Control
- Humidity Control

Manuals :
(1) All manuals are written in English
(2) Model Answer
(3) Teaching Manuals

General Terms:
(1) Accessories will be provided where applicable.
(2) Manuals & Training will be provided where applicable.
(3) Designs & Specifications are subject to change without notice.
(4) We reserve the right to discontinue the manufacturing of any product.

Warranty :
2 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
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* Proposed design only, subject to changes without any notice.