IN-HOUSE ELECTRICAL SYSTEM TRAINING KIT
Model Number : GOTT-IHE-0115

DESCRIPTION
The experimental panel system "In-House Electrical System Training Kit" has been created for learning of installation of the electrical equipment and electrical control. The individual units of an experimental set-up are connected via 4-mm. safety sockets which are arranged in large, synoptically graphical symbols or current flow diagrams. Due to the vertical arrangement of the experimental panels, the experimental set-up can be seen from a far distance and can be adapted step by step to the course of the lessons or lectures.

PRODUCT MODULES

<table>
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<tr>
<th>Product Module</th>
<th>Code</th>
<th>Description</th>
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</table>
| SINGLE PHASE FCCB | 588-031 | Leakage Current: 30mA
Output: 240VAC
Input: AC 240V, 50Hz 1-Phase |
| INTERMEDIATE SWITCH | 588-033 | Contact: NO & NC
Rated Voltage: 240VAC |
| TWO-WAY SWITCH (LEFT) | 588-034 | Contact: NO & NC
Rated Voltage: 240VAC |
| TWO-WAY SWITCH (RIGHT) | 588-037 | Contact: NO
Rated Voltage: 240VAC |
| PUSH BUTTON SWITCH | 588-041 | Contact: NO
Rated Voltage: 240VAC |
| CURRENT SURGE SWITCH | 588-043 | Input: 240VAC
Rated: I_max: 20kA, I_n: 10kA,
U_p>1.5kV |
| FLUORESCENT LAMP | 588-050 | Disconnecting Switch
Start Switch
Fluorescent Lamp Socket |
| DIMMER | 588-054 | Output: 110...240VAC
Input: AC 240V, 50Hz 1-Phase |
| INCANDESCENT LAMP | 588-039 | Incandescent Lamp
Input: AC 240V, 50Hz 1-Phase |
| AUTOMATIC STAIRCASE RELAY | 588-040 | Contact: NO
Coil Voltage: 240VAC |
| SOCKET OUTLET | 588-042 | Input: AC 240V, 50Hz 1-Phase |
| HALOGEN LAMP | 588-044 | Input: DC 12V
AC 240V, 50Hz 1-Phase |
| HALOGEN DOWN LIGHT | 588-045 | Input: AC 240V, 50Hz 1-Phase |
| MIXED LIGHT LAMP | 588-046 | Input: AC 240V, 50Hz 1-Phase |
# IN-HOUSE ELECTRICAL SYSTEM TRAINING KIT

**Model Number:** GOTT-IHE-0115

**Electrical Ballast**
- **Code:** 588-048
- **Nominal Capacitance:** 3.7µF, 2µF, 1µF
- **Fluorescent Lamp Socket**
- **Choke Ballast**

**Load Bulb**
- **Code:** 588-051
- **Incandescent Lamp x 4 units**
- **Input:** AC 240V, 50Hz 1-Phase

**Electrical Meter**
- **Code:** 588-038
- **Measurement Mode:**
  - Voltage & Current
  - Power
  - Frequency
  - Power Factor
- **Input:** AC 240V, 50Hz 1-Phase

**Transformer Load Characteristics**
- **Code:** 588-049
- **Input:** 240VAC
- **Output:** 240V, 190V, 110V, 0V
- **Load Resistance:** 1.1kΩ

**Load Center**
- **Code:** 588-052
- **Miniature Circuit Breaker x 4 units**
- **Input:** AC 240V, 50Hz 1-Phase

**Kilowatt Hour Meter**
- **Code:** 588-032
- **Speed:** 1200 turns/1kW/Hour

**Current Flow Board**
- **Code:** 588-053
- **Input:** 240VAC
- **Safety Connector Banana Socket**
- **Range:** 1…0…1

**Transformer Characteristics**
- **Code:** 588-047

**Vertical Frame**
- **Code:** 297-000
- **High Level:** Din Standard
- **Material:** Aluminum
- **Side Frame:** T shape
- **Size:** 3-Layer 1450mm Length

**Safety Connecting Lead**
- **Code:** 237-001
- **4mm connecting leads**

**Experiment Manual**
- **Code:** 588-055

**Experiment Topics:**
- Commonly used electrical testing measurement appliance and error analysis
- Measurement method for reduced the error and the measured the range expansion
- Characteristic of mapping the voltage-current and measured the external power source
- Typical electrical signal
- Characteristic of rotational/gyrator
- Fluorescent COS enhancement
- Transformer Application

**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:**

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<td>588-030</td>
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*Proposed design only, subject to changes without any notice.*