

# IN-HOUSE ELECTRICAL SYSTEM TRAINING KIT

Model Number : GOTT-IHE-0115



## DESCRIPTION

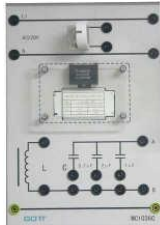









The experimental panel system "In-House Electrical System Training Kit" has been created for learning of installation of the electrical equipment and electrical control. The individual units of an experimental set-up are connected via 4-mm. safety sockets which are arranged in large, synoptically graphical 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

SINGLE PHASE FCCB	CODE 588-031	INTERMEDIATE SWITCH	CODE 588-033	TWO-WAY SWITCH (LEFT)	CODE 588-034	DISCONNECTING SWITCH	CODE 588-035
Leakage Current: 30mA Output: 240VAC Input: AC 240V, 50Hz 1-Phase		Contact: NO & NC Rated Voltage: 240VAC		Contact: NO & NC Rated Voltage: 240VAC		Contact: NO Rated Voltage: 240VAC	
<b>TWO-CIRCUIT SWITCH</b>	<b>CODE 588-036</b>	<b>TWO-WAY SWITCH (RIGHT)</b>	<b>CODE 588-037</b>	<b>PUSH BUTTON SWITCH</b>	<b>CODE 588-041</b>	<b>CURRENT SURGE SWITCH</b>	<b>CODE 588-043</b>
Contact: NO x 2 units Rated Voltage: 240VAC		Contact: NO & NC Rated Voltage: 240VAC		Contact: NO Rated Voltage: 240VAC		Input: 240VAC Rated: I <sub>max</sub> : 20kA, I <sub>n</sub> : 10kA, Up>1.5kV	
<b>FLUORESCENT LAMP</b>	<b>CODE 588-050</b>	<b>DIMMER</b>	<b>CODE 588-054</b>	<b>INCANDESCENT LAMP</b>	<b>CODE 588-039</b>	<b>AUTOMATIC STAIRCASE RELAY</b>	<b>CODE 588-040</b>
Disconnecting Switch Starter Fluorescent Lamp Socket		Output: 110...240VAC Input: AC 240V, 50Hz 1-Phase		Incandescent Lamp Input: AC 240V, 50Hz 1-Phase		Contact: NO Coil Voltage: 240VAC	
<b>SOCKET OUTLET</b>	<b>CODE 588-042</b>	<b>HALOGEN LAMP</b>	<b>CODE 588-044</b>	<b>HALOGEN DOWN LIGHT</b>	<b>CODE 588-045</b>	<b>MIXED LIGHT LAMP</b>	<b>CODE 588-046</b>
Input: AC 240V, 50Hz 1-Phase		Input: DC 12V AC 240V, 50Hz 1-Phase		Input: AC 240V, 50Hz 1-Phase		Input: AC 240V, 50Hz 1-Phase	

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<b>CHOKER BALLAST</b>	<b>CODE</b> 588-048	<b>LOAD BULB</b>	<b>CODE</b> 588-051	<b>ELECTRICAL METER</b>	<b>CODE</b> 588-038	<b>TRANSFORMER LOAD CHARACTERISTICS</b>	<b>CODE</b> 588-049
Nominal Capacitance: 3.7μF, 2μF, 1μF Fluorescent Lamp Socket Choke Ballast  		Incandescent Lamp x 4 units Input: AC 240V, 50Hz 1-Phase  		Measurement Mode: <ul style="list-style-type: none"> <li>• Voltage &amp; Current</li> <li>• Power</li> <li>• Frequency</li> <li>• Power Factor</li> </ul> Input: AC 240V, 50Hz 1-Phase  		Input: 240VAC Output: 240V, 190V, 110V, 0V Load Resistance: 1.1kΩ  	
<b>LOAD CENTER</b>	<b>CODE</b> 588-052	<b>KILOWATT HOUR METER</b>	<b>CODE</b> 588-032	<b>CURRENT FLOW BOARD</b>	<b>CODE</b> 588-053	<b>POWER FACTOR METER</b>	<b>CODE</b> 588-047
Miniature Circuit Breaker x 4 units  		Speed : 1200 turns/1kW/Hour  		Input: 240VAC Safety Connector Banana Socket  		Range: 1...0...1  	
<b>VERTICAL FRAME</b>	<b>CODE</b> 297-000	<b>SAFETY CONNECTING LEAD</b>	<b>CODE</b> 237-001	<b>EXPERIMENT TOPICS :</b> <ul style="list-style-type: none"> <li>• Commonly used electrical testing measurement appliance and error analysis</li> <li>• Measurement method for reduced the error and the measured the range expansion</li> <li>• Characteristic of mapping the voltage-current and measured the external power source</li> <li>• Typical electrical signal</li> <li>• Characteristic of rotational/gyrator</li> <li>• Fluorescent COS enhancement</li> <li>• Transformer Application</li> </ul>			
High Level: Din Standard A4 with two shelves Material: Aluminum Side Frame: T shape Size: 3-Layer 1450mm Length  		4mm connecting leads  	<b>EXPERIMENT MANUAL</b>				

**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
IN-HOUSE ELECTRICAL SYSTEM TRAINING KIT	GOTT-IHE-0115	588-030

\*Proposed design only, subject to changes without any notice.