LX Signal Light

Datasheet / Operating Instruction

Signal Light for Safety Tester

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Safety Instructions

1.1 General safety instructions

For a safe operation of the system it is essential to pay attention to the following safety information. A disregard can endanger the operating personnel or damage the test fixture.

	The product should be operated only by trained personnel.
	Before opening the case: • Switch off all instruments and equipment • Disconnect line power from the test system • Discharge all circuits from electrical energy Danger: Hazardous line voltage! Risk of electric shock.
	Test systems are configured for a country specific mains voltage setting. Do not apply improper mains voltage at any time as this may damage the system.

Unauthorized modification or changes to the product will void the warranty and releases LX instruments from all responsibilities regarding CE compliance.

2 Introduction

This document provides information concerning the Signal Light for Hipot Tester. This product is designed to show if a test is running.

2.1 Content of delivery:

1. **Case with light tower -** contains connection and light control relay
2. **DC Power input -** for powering light control
3. **Control Connector -** connection to Hipot tester
4. **Power supply -** AC-DC Power convertor 24V DC Output
5. **Power Cord**

2.2 Functionality

Green light is on when power is applied and signal light is operational. The light will change to red during a test is running. This signal light uses the output signal “process” of the Hipot tester to control the light tower.

3 Operating Instructions

3.1 Installation

	Connect the line power in accordance to general guidelines. Only staff with appropriate training and license for work with line power is allowed to do this step.
	Before system installation the safety engineer responsible for the operation of the system must approve the test system in combination with the appropriate test adapter and the DUT.

Connect the control connector to the Hipot tester on the signal output connection.

Use the AC-DC power convertor to supply the signal light. Connect first the DC connector of the Power Supply to the case “24V DC” and then connect the power supply to the power socket by using the power cord.

3.2 Power up

After connect to the power socket, the green light is still on.
Signal light is operational.

3.3 Power off

Disconnect signal light from power source by disconnecting the power cord.

3.4 Technical Data

Dimensions	
Max. Width	60 mm
Max. Depth	120 mm
Max. Height	150 mm

Electrical Connection	
Voltage	24 VDC
Line Current	200 mA