

LXC900 / LXC910 (C/V) LCD COUNTER OPERATING INSTRUCTIONS



- Self Powered ,in-built battery 3 VDC
- Large LCD display with 8 digit, 8.0mm height
- Back light version available
- Counting upto 99999999

Please maintain these instructions and review them prior to using the unit:

1. SAFETY INFORMATION

⚠ Caution:

1. This unit is not intended for outdoor use.
2. Avoid inflow of dust and contact of conductive material with the internal circuitry of the unit.
3. The unit must not operate in presence of heating sources, caustic vapors, oil, steam, vibration or impact etc.
4. This unit is panel mounted type with its output terminals connecting to the host equipment. Such equipment shall also comply with basic EMI/EMC and safety requirements like BSEN 61326-1 and BSEN 61010 respectively.
5. Clean the equipment with a clean soft cloth. Do not use any organic cleaning agent.
6. Conforms to pollution degree 2 / installation category II
7. Lithium battery is used for memory retention , therefore do not disassemble.

INSTALLATION INSTRUCTIONS

⚠ CAUTION:

1. This equipment, being built-in-type, normally becomes a part of the main control panel and in such case the terminals do not remain accessible to the end user after installation and internal wiring.
2. Conductors must not come in contact with the internal circuitry of the equipment or else it may lead to a safety hazard that may in turn endanger life or cause electrical shock to the operator.
3. The output terminals shall be strictly loaded to the manufacturer specified values/range.

SPECIFICATIONS

Display: LCD, 8 digit, ht 8.0mm

Power Supply: 3 VDC (Battery built-in)

Battery Life: 1) For 100Hz : 3 Years (approx.)
2) For 14Hz : 5 Years (approx.)

Speed Selection: For LXC900/910-C Input Model
1) 100Hz (Default)
2) 14Hz

Signal Input:

Contact Input model(C): Potential free contact

Voltage Input model(V): 24-260 VAC/DC

Counting Direction: Up

Reset Input:

1) Potential Free:

a. For C model: shorting terminals 3 & 4

b. For V model: Shorting terminals 4 & 5

2) Through Front Reset key (after shorting terminals 6 & 4 press front key

Housing: Flame retardant plastic

Mounting: Panel mounting

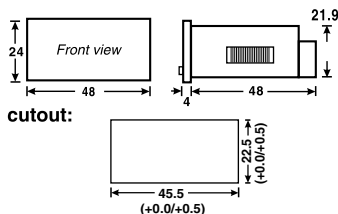
Temperature: Operating: 0 -50° C

Storage: -20 to 75° C

Humidity: 95% RH

Weight: Approx. 60 gms.

DIMENSIONS



Panel cutout:

Installation suggestion :

However, it is necessary to take the following precautions to have proper operation of the unit.

1. Input cable: The connection between the unit and the input device should be made via a 2 core screen cable.
2. The screen must be earthed at only one point, but that point can be at either one or the other end of the cable.
3. The input circuit should not be interrupted by the contacts of the contactor.

4. If such contacts need to be used then contactor and relay suppression is essential.

5. If the length of the cable exceeds upto 5m, it would be necessary to use a local relay and command that relay from a distance.

Mounting:

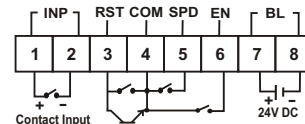
The unit should be kept away from solenoids, contactors, fans and other inductive devices.

⚠ WARNING:

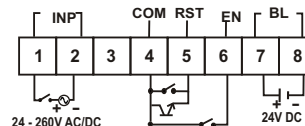
1. To prevent the risk of electric shock power supply to the equipment must be kept OFF while doing the wiring arrangement.
2. Terminals and electrically charged parts must not be touched when the power is ON.
3. Use standard 1.5 fork type lugs for connections.

TERMINAL CONNECTIONS

Contact Input Model To turn the unit ON short terminal 1 & 2.



Voltage Input Model To turn the unit ON give input signal.



Speed Selection in LXC900/910-C

14Hz	Keep shorted Ter. 4 & 5 and press F.R
100Hz (default)	Remove Shorting 4 & 5

Note : Back light version model LXC910 (C/V)

(Specifications subject to change as development is a continuous process)
 Seleco Controls Pvt. Ltd. (Formerly Selection Process Controls Pvt. Ltd.)
 Tel.: 91-22-2847 6443/1882, Fax.: 91-22-2847 1733
 Toll free: 1800 227 353
 Email: sales@seleco.com, Web.: www.seleco.com

Document name: Operating/0801/LCD COUNTER Version1
 OP226-V01-(Page 1 of 1)