

**SELEC****LXC900A / LT920A (C/V)**

Operating Instructions

**LT920A****LXC900A**

24x48mm

**SPECIFICATIONS****LCD COUNTER**

- Display** : LCD, 7 1/2 digit, ht 8.0mm  
**Battery Life** : 8 Years  
**Speed Selection** : (Only for LXC900A-C)  
 1) 100Hz (Default) 2) 14Hz  
**Range Selection** : (Only for LT920-C/V)  
 1) 199999.99hrs (default)  
 2) 1999:59:59 (HHHH.MM.SS)

**Signal Input**

- LXC/LT-C : Potential free contact  
 LXC/LT-V : 24-260 V AC/DC

**Counting Direction** : Up

- DIP Switch** : S1: Unit ON/OFF  
 S2: Front Key Enable/Disable

**Reset Input :**

- 1) Terminal Reset :  
 LXC900A-C : Short terminals 3 & 4  
 LXC900A-V : Short terminals 4 & 5  
 LT920A-C : Short terminals 3 & 4  
 LT920A-V : Short terminal 3 & 4  
 2) Front Reset:  
 ON DIP Switch S2 press front key momentarily

**Housing** : Flame retardant plastic**Mounting** : Panel mounting

- Temperature** : Operating : 0 to 50°C  
 Storage : -20 to 75°C

**Humidity** : 95% RH**Weight** : approx. 60gms

**Please maintain these instructions and review them before using the unit :**

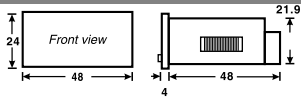
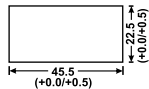
**Safety Information****⚠ Caution**

- This unit is intended for outdoor use.
- Avoid inflow of dust and contact of conductive material with the internal circuitry of the unit.
- The unit must not operate in presence of heating sources, caustic vapors, oil, steam, vibration or impact etc.
- Clean the equipment with a clean soft cloth. Do not use any organic cleaning agent.

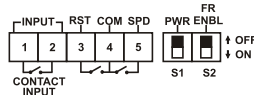
**Installation suggestion**

For a good industrial environment, where there is a low "noise" level there is little danger of interference. However, it is necessary to take the following precautions to have proper operation of the unit.

- Input cable : The connection between the unit and the input device should be made via a 2 core screen cable.
- The screen must be earthed at only one point, but that point can be at either one or the other end of the cable.
- The input circuit should not be interrupted by the contacts of the contactor, if such contacts need to be used then contactor and relay suppression is essential.
- 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.

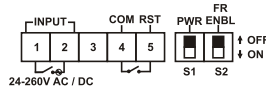
**DIMENSIONS (in mm)****Panel Cutout :****TERMINAL CONNECTIONS**

**LXC900A-C** : To turn on short terminal 1 & 2.

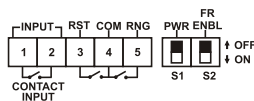
**Speed selection in LXC900A-C**

14Hz	Short terminal 4 & 5
100Hz (default)	Remove Shorting 4 & 5

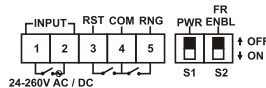
**LXC900A-V** : To turn on give input signal.



**LT920A-C** : To turn on short terminal 1 & 2.



**LT920A-V** : To turn on give input signal.

**Range Selection using F.R (Front reset key) & terminals**

Front key enable	S2 ON
HHHH.MM.SS	Short 4 & 5 and press F.R
HOURS (default)	Keep 4 & 5 open and press F.R

**To turn off the LCD, S2 ON and press key for 7sec**

(Specifications subject to change as development is a continuous process.)

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