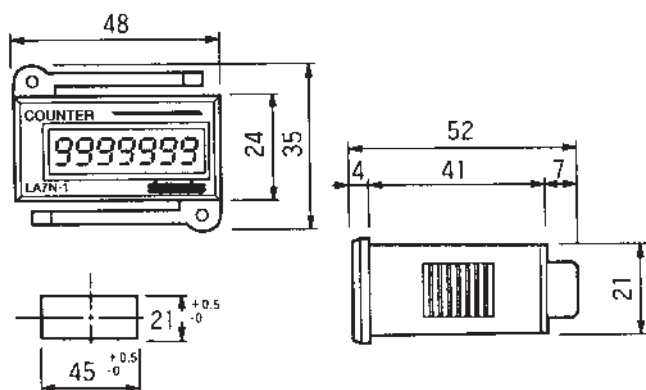


The LA7N product family consists of three (3) models; the LA7N-2 and LA7N-2R which require a switch closure for count input and LA7N-FR which employs a voltage input for count input. Models LA7N-FR and LA7N-2R are equipped with a button for reset on their front panel. Model LA7N-2 can only be reset by a remote switch. All models are compact and are *battery powered* for a broad range of applications. The liquid crystal display is seven figure with zero blanking. Count input speed is 30 CPS and is accomplished through a simple switch closure which is wired to the terminals on the rear of the counter for models LA7N-2R and LA7N-2. Snap switch, push-button or toggle switch, or a reed switch device are common input switches used with these models. Model LA7N-FR requires a voltage count input of 24 to 240 VAC or 6 to 240 VDC. Since the counter is battery powered, it will display count continuously and requires no memory saving attachments or circuitry. Panel mounting hardware is supplied with the counter.



Self-Powered LCD Counters

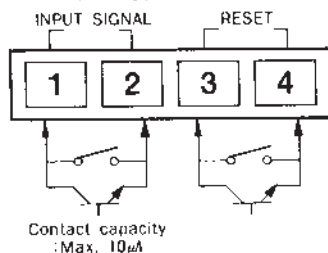
### DIMENSIONS (MILLIMETERS)



### WIRING

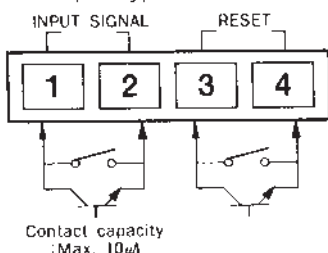
#### LA7N-2 and LA7N-2R

##### ● Contact input type



#### LA7N-FR

##### ● Contact input type



### SPECIFICATIONS

|                       |                                                                        |                                   |
|-----------------------|------------------------------------------------------------------------|-----------------------------------|
| RESET                 | Front Panel Button (2R and FR Models)<br>External Contact — All Models |                                   |
| DISPLAY               | LCD, H 7mm, W 3mm, Zero Blanking                                       |                                   |
| NUMBER OF DIGITS      | Seven                                                                  |                                   |
| COUNT INPUT           | Switch Closure                                                         | —2R, —2 Models                    |
|                       | Voltage                                                                | 24-240VAC, 6-240VDC;<br>—FR Model |
| COUNT SPEED           | 30CPS                                                                  | —2 and —2R Models                 |
|                       | 20CPS                                                                  | —FR Model                         |
| OPERATING TEMPERATURE | 14° to 131°F (-10° to 55°C)                                            |                                   |
| OPERATING POWER       | Internal Lithium Battery—Est. 7 Yr. Life                               |                                   |
| TERMINALS             | Rear Mounted Screws                                                    |                                   |
| MOUNTING              | Front Panel                                                            |                                   |
| WEIGHT                | 0.19 lb.                                                               |                                   |

### ORDERING INFORMATION

| MODEL NUMBER | DESCRIPTION                              |
|--------------|------------------------------------------|
| LA7N-2       | Switch Input, Remote Reset Only          |
| LA7N-2R      | Switch Input, Front Panel & Remote Reset |
| LA7N-FR      | Voltage Input, Front Panel Reset         |