

# 4916 Series

## 6 Digit Non-Reset Counter



The 4916 Series incorporates the latest manufacturing technology together with basic design to achieve high performance over a wide temperature range with low power consumption. These counters can be mounted by two front flange styles, base mount or behind the panel (front mount). The 4916 has UL approvals and can operate over a wide voltage range of DC or AC power.

The compact design and various mounting styles make it the ideal counter for almost all counting applications. This electro-mechanical counter will not lose its count during power failures or from electrical noise.

### Key Features

- Low cost, large quantity discounts
- Patented high-performance mechanism
- UL and cUL approved (49 Series)
- Rugged plastic package
- Wide range of voltages available
- Long life

### Applications

- Mail Equipment
- Photo Machines
- Vending Machines
- Gaming Machines
- Elevators
- Copy Machines
- Ticket Machines

## Specifications

|                                                |                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Display</b>                                 | 6 Digit, white on black, 0.160" figures                                             |
| <b>Operating Voltage <math>\pm 10\%</math></b> | DC: 5, 12, 24, 48, 110, 125 (2W)<br>AC: 24, 48, 120, 220 (5VA)                      |
| <b>Reset</b>                                   | None                                                                                |
| <b>Count Speed</b>                             | 10 CPS, standard. 50/50 ratio on/off.                                               |
| <b>Max. On Time</b>                            | Infinite                                                                            |
| <b>Temperature</b>                             | Storage: 14°F to 122°F (-10°C to +50°C)<br>Operating: 23°F to 104°F (-5°C to +40°C) |
| <b>Approvals</b>                               | UL# and cUL# E36690                                                                 |
| <b>Termination</b>                             | UL/cUL wire leads, 11" long, standard                                               |
| <b>Weight</b>                                  | 4.0oz (113g)                                                                        |

## Part Number Ordering Chart

*Example:*

**R 9 - 49 1 6 AD**

|           |                                   |
|-----------|-----------------------------------|
|           | <b>Mounting</b>                   |
| <b>B</b>  | Bail Mount                        |
| <b>D</b>  | D-Base Mount (Front/H-Base Mount) |
| <b>R</b>  | Behind the Panel Mount (Front)    |
| <b>P</b>  | Panel Mount (Flange 1.81"x1.81")  |
| <b>FL</b> | Flange Mount (1.53"x1.8)          |
| <b>RV</b> | Combo Front/V-Base Mount          |
| <b>OR</b> | Special Metal D - Base Mount      |

|           |                |
|-----------|----------------|
|           | <b>Voltage</b> |
| <b>1</b>  | 230 VAC        |
| <b>2</b>  | 115 VAC        |
| <b>3</b>  | 24 VAC         |
| <b>7</b>  | 110 VDC        |
| <b>8</b>  | 24 VDC         |
| <b>9</b>  | 12 VDC         |
| <b>11</b> | 5 VDC          |
| <b>12</b> | 125 VDC        |
| <b>23</b> | 9 VDC          |

|           |                       |
|-----------|-----------------------|
|           | <b>Product Number</b> |
| <b>49</b> | Product Number        |

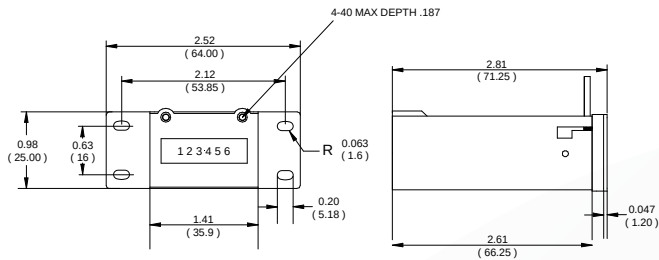
|          |              |
|----------|--------------|
|          | <b>Reset</b> |
| <b>1</b> | Non-reset    |

|          |                     |
|----------|---------------------|
|          | <b># of Figures</b> |
| <b>6</b> | 6 Figure            |

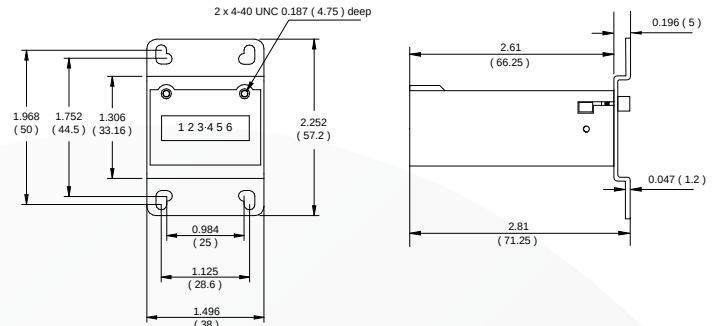
|              |                                  |
|--------------|----------------------------------|
|              | <b>Suffix</b>                    |
| <b>Blank</b> | Counter Set at 999800 (Standard) |
| <b>A</b>     | Counter Set at 000000            |
| <b>B</b>     | Counter Set at 999980            |
| <b>C</b>     | 24" Lead Wires                   |
| <b>D</b>     | Diode Suppresion                 |

## Dimensions

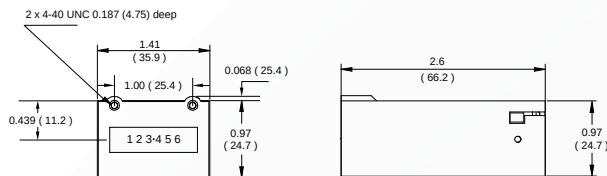
### D - D-Base Mount



### V - V-Base Mount / RV- Combo Front / V-Base Mount

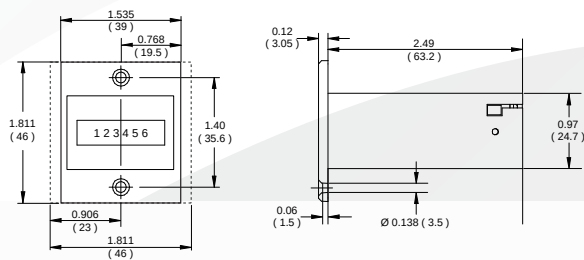


### R- Behind The Panel Mount (Front)

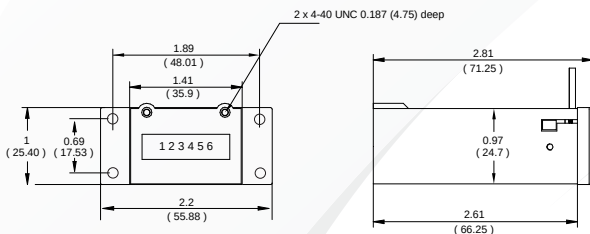


### FL - Panel Mount (Flange FL) 1.535 x 1.8 (39 x 45.7)

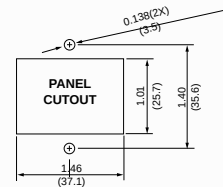
### P - Panel Mount (Flange) 1.81 x 1.81(46 x 46)



### OR - Front / Base Combo Mount (Front)



### Panel Cutout



## Part Number Ordering Chart

|                   |                                                  |                  |                                                     |
|-------------------|--------------------------------------------------|------------------|-----------------------------------------------------|
| <b>FL1-4916</b>   | 230VAC/50HZ, 6 figures, panel mount              | <b>R9-4916AD</b> | 12VDC, 6 figures, rear mount, w/diode, set @ 000000 |
| <b>FL2-4916</b>   | 115VAC, 6 figures, panel mount                   | <b>RV1-4916</b>  | 230VAC, 6 figures, front & V-base mount             |
| <b>FL3-4916</b>   | 24VAC, 6 figures, panel mount                    | <b>RV2-4916</b>  | 115VAC, 6 figures, front & V-base mount             |
| <b>FL7-4916CD</b> | 110VDC, 6 figures, panel mount, w/diode, 24" LDS | <b>RV3-4916</b>  | 24VAC, 6 figures, front & V-base mount              |
| <b>FL8-4916D</b>  | 24VDC, 6 figures, panel mount, w/diode           | <b>RV8-4916</b>  | 24VDC, 6 figures, front & V-base mount              |
| <b>R11-4916D</b>  | 5VDC, 6 figures, front mount, w/diode            | <b>RV9-4916</b>  | 12VDC, 6 figures, front & V-base mount              |
| <b>R2-4916</b>    | 115VAC, 6 figures, rear mount                    | <b>RV11-4916</b> | 5VDC, 6 figures, front & V-base mount               |
| <b>R8-4916</b>    | 24VDC, 6 figures, rear mount                     | <b>RV2-4916B</b> | 115VAC, 6 figures, V-base mount, set @ 999980       |

