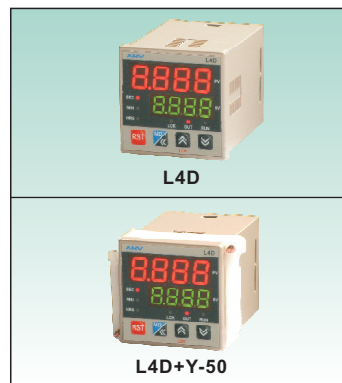


**DIN Size W48 × H48mm**

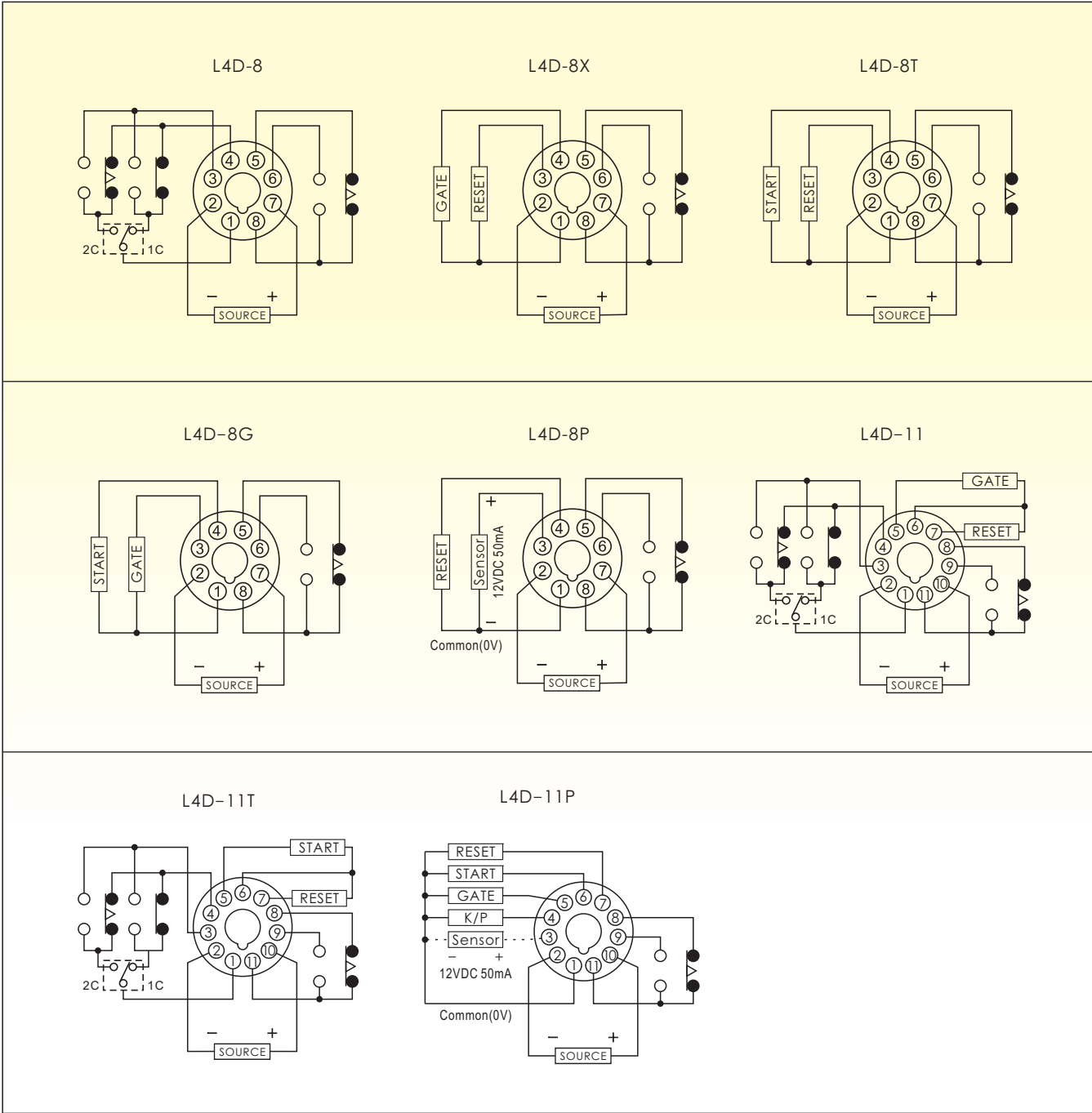
- 4 digits display with 7 segment LED display
- Twelve output modes can be used in wide variety of applications
- Time ranges from 0.001sec to 9999hrs
- Timing mode Up count or Down count selectable
- Memory function available
- Key protection provided



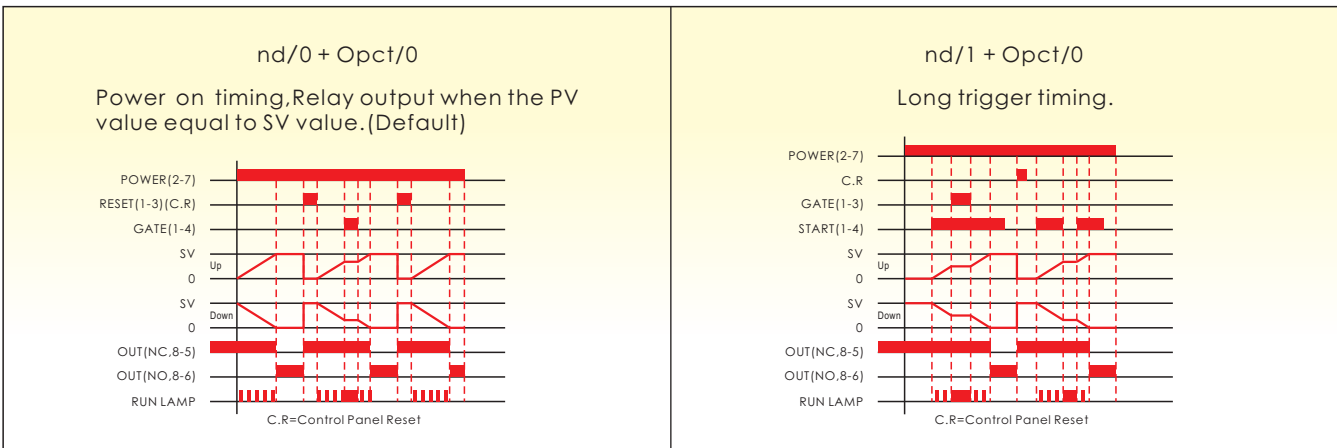
## SPECIFICATIONS

| MODEL               |            | L4D-8                                                              | L4D-8X                                 | L4D-8T                                  | L4D-8G                                 | L4D-8P                                  | L4D-11                              | L4D-11T                              | L4D-11P                                                                         |
|---------------------|------------|--------------------------------------------------------------------|----------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| RATED VOLTAGE       |            | 12 ~ 60VDC/AC 50/60Hz<br>100 ~ 240VAC 50/60Hz                      |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |
| OPERATING VOLTAGE   |            | 85 ~ 110% of rated voltage                                         |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |
| FULL TIME RANGE     |            | 9.999S/99.99S/999.9S/9999S/99M59S/999.9M/9999M/99H59M/999.9H/9999H |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |
| CONTROL OUTPUT      |            | 2C or 1A1C                                                         | Time limit 1C<br>1+4 Gate<br>1+3 Reset | Time limit 1C<br>1+4 Start<br>1+3 Reset | Time limit 1C<br>1+4 Start<br>1+3 Gate | Time limit 1C<br>1+4 Reset<br>1+3 12VDC | 2C or 1A1C<br>6+5 Gate<br>6+7 Reset | 2C or 1A1C<br>6+5 Start<br>6+7 Reset | Time limit 1C<br>1+7 Reset<br>1+6 Start<br>1+5 Gate<br>1+4 K/P<br>1+3 12VDC NPN |
| CONTACT RATING      |            | 5A 250VAC Resistive Load                                           |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |
| EXTERNAL RESET      |            | ---                                                                | ○                                      | ○                                       | ---                                    | ○                                       | ○                                   | ○                                    | ○                                                                               |
| EXTERNAL GATE       |            | ---                                                                | ○                                      | ---                                     | ○                                      | ---                                     | ○                                   | ---                                  | ○                                                                               |
| EXTERNAL START      |            | ---                                                                | ---                                    | ○                                       | ○                                      | ---                                     | ---                                 | ○                                    | ○                                                                               |
| KEY PROTECT         |            | ---                                                                | ---                                    | ---                                     | ---                                    | ---                                     | ---                                 | ---                                  | ○                                                                               |
| MEMORY FUNCTION     |            | ○                                                                  | ○                                      | ○                                       | ○                                      | ○                                       | ○                                   | ○                                    | ○                                                                               |
| 12VDC OUTPUT        |            | ---                                                                | ---                                    | ---                                     | ---                                    | ○                                       | ---                                 | ---                                  | ○                                                                               |
| L<br>I<br>F<br>E    | MECHANICAL | 5×10 <sup>6</sup> times                                            |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |
|                     | ELECTRICAL | 10 <sup>5</sup> times                                              |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |
| RESET TIME          |            | 0.1 sec max                                                        |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |
| CONSUMED POWER      |            | Max. 3VA                                                           |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |
| AMBIENT TEMPERATURE |            | -10℃ ~ + 55℃                                                       |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |
| AMBIENT HUMIDITY    |            | 45 ~ 85%RH                                                         |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |
| WEIGHT              |            | Approx. 130g                                                       |                                        |                                         |                                        |                                         |                                     |                                      |                                                                                 |

CONNECTION DIAGRAMS

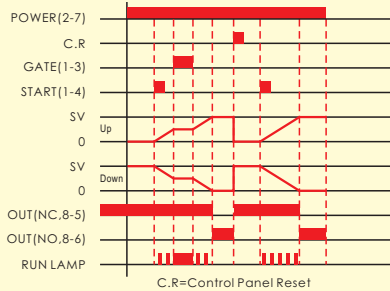


TIMING CHARTS



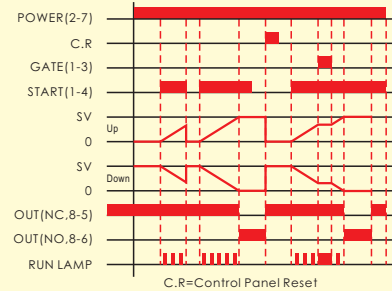
nd/2 + Opct/0

Short trigger timing.



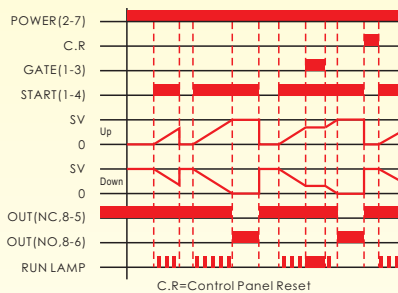
nd/3 + Opct/0

Long trigger timing, after release trigger button will be reset.



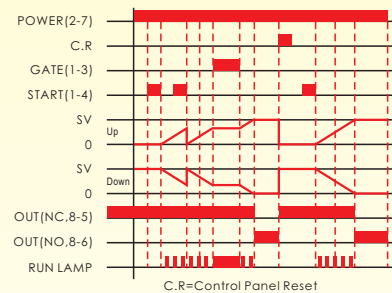
nd/4 + Opct/0

Long trigger timing, timing or time up release trigger button will be reset.



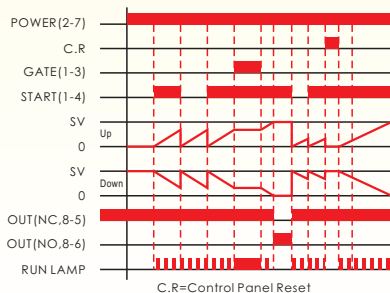
nd/5 + Opct/0

Release the trigger button start timing.



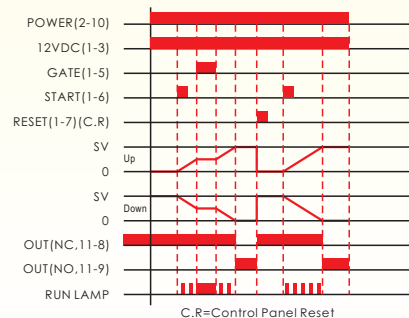
nd/6 + Opct/0

Press or release trigger button both restart timing.



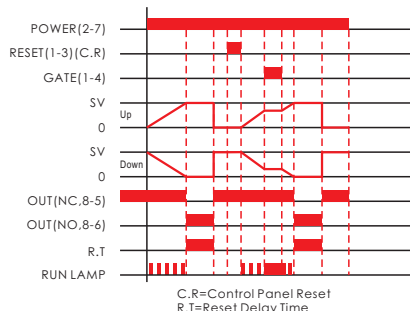
nd/2 + Opct/0(L4D-11)

Short trigger timing.



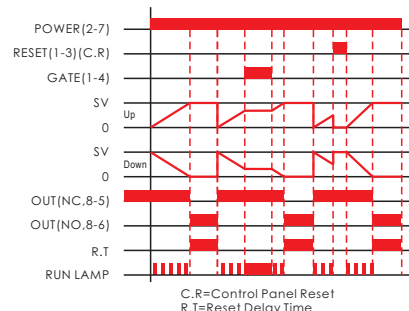
nd/0 + Opct/1

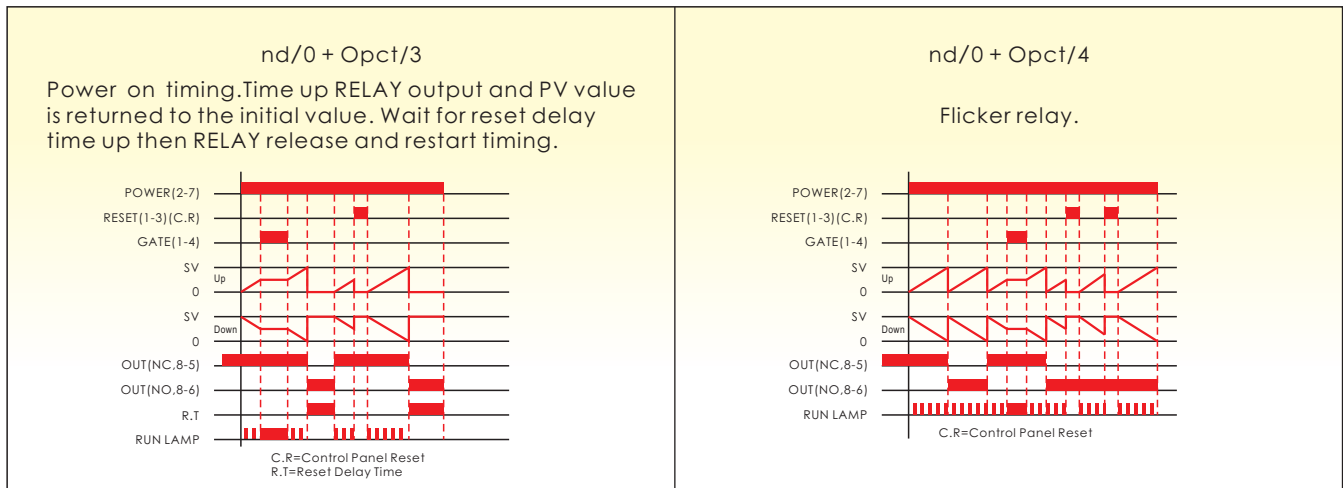
Power on timing. Time up RELAY output. Wait for reset delay time up then RELAY release, PV value is returned to the initial value.



nd/0 + Opct/2

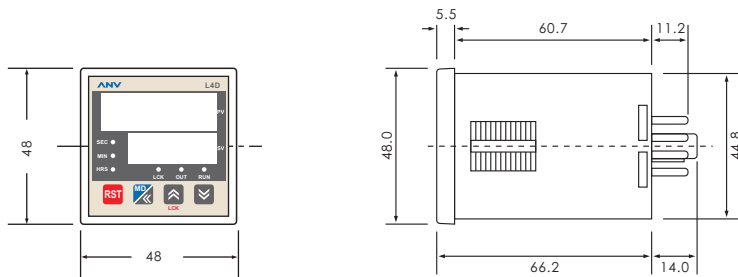
Power on timing. Time up RELAY output, Wait for reset delay time up then RELAY release, PV value is returned to the initial value and restart timing



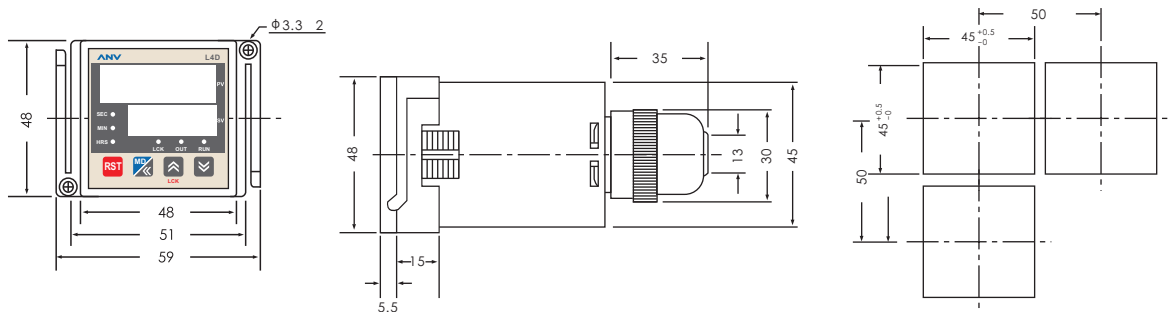


## DIMENSIONS

Surface Mounting ( N Type ) : Using P2CF-08 or PF085A, PF085A-E Socket



Flush Mounting ( Y Type ) : Using Y-50 Adapter+US-08 or P3G-08, P3G-08E Socket



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