



W-CD211

Digital Countdown Timer
Code : 4604, 4605

A simple to operate and useful countdown timer digital display and relay output. The circuit is based to ensure accuracy and reliability. Idea for use in automatic machines and in programmable time counting in general. It can be easily adjust time unit (sec, min and hr) and time range between 1 to 999.

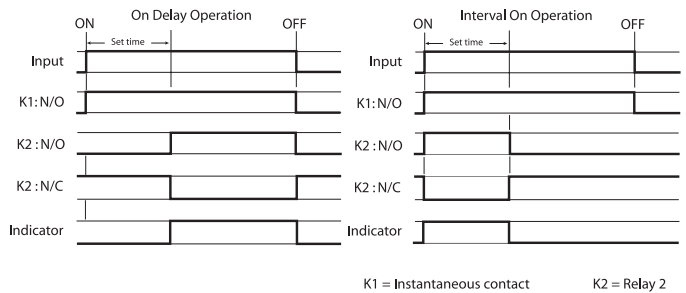
On **W-CD211 code 4604 is on delay timer**. Relay1 will energize when supply voltage is applied. Relay2 will energize when countdown commences and until zero is reached. Removal of input voltage during or after the timing cycle will de-energized the internal relay and reset the timing circuit.

On **W-CD211 code 4605 is interval on timer**. Relay 1, 2 will energize when supply voltage is applied and the timing cycle begins. The relay2 will de-energize when countdown commences and until zero is reached. Removal of input voltage during or after the timing cycle will de-energized the internal relay and reset the timing circuit.

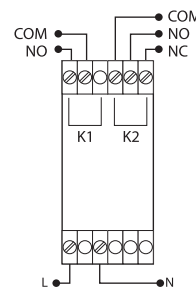
Specification

| | | | |
|-----------------------|---|--|-------------|
| Code | : | 4604 | 4605 |
| Feature | | | |
| Operation type | : | On delay | Interval on |
| Supply voltage | : | DC(V) 12 AC(V) 100-265 | |
| System frequency | : | 50/60 Hz. | |
| Power consumption | : | 1.2W | |
| Accuracy | : | ± 1% max | |
| Display | : | 3 digits 7-segment Red LED Letter 0.36" (9.20mm) | |
| Time | | | |
| Time range | : | 1 to 999 | |
| Time unit | : | Sec., Min. or Hr. | |
| Relay output | | | |
| Output type | : | SPDT | |
| Contact rating | : | 5A at 250 VAC | |
| Instantaneous contact | : | 5A at 250 VAC | |
| Operations | : | Mechanical: 2x10 ⁷ times Electrical: 1x10 ⁵ times | |
| Environmental | | | |
| Operation temperature | : | -10° to +55°C | |
| Storage temperature | : | -10° to +70° C | |
| Ambient humidity | : | Max 85%RH | |
| Enclosure | | | |
| Mounting | : | DIN rail 35 mm | |
| Housing | : | ABS Plastic | |
| Wire fixing | : | Screw terminal block 2.5 mm ² | |
| Dimension (mm) | : | 37 x 91 x 62 | |
| Weight | : | 103 g. | |

Operation



Diagram



Dimension in mm.

