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9050JCK46V20

## Square D™ JCK General Purpose Plug-In Timers

Square D 9050JCK timing relays are designed to provide low-cost timing in a plug-in housing. The Types JCK11 through 59 provide ±1% repeat accuracy. The Types JCK60 and 70 offer ±0.1% repeat accuracy. These timers are directly interchangeable with many other 8 and 11 pin octal base timers.

- Up to ±0.1% repeat accuracy
- Timing from 0.05 seconds to 999 hours
- Available in 7 timing modes
- DPDT contacts (2 N.O. and 2 N.C.)
- 10 A contact rating
- Transient protected
- Hold down spring available
- Variable or fixed time delay
- Horsepower rated
- RoHS compliant

### Table 23.148: Variable Time Delay

| Knob Adjustable Timing Range | On Dela[1] | Off Delay[2][1] | Off Delay Power Trigger[1] | Interval[1] | One Shot [2][1] | One Shot Power Trigger[1] | Repeat Cycle[3][1] |
|---|---|---|---|---|---|---|---|
| 0.1–10 seconds | JCK11 | JCK21 | JCK21PT | JCK31 | JCK41 | JCK41PT | JCK51 |
| 0.3–30 seconds | JCK12 | JCK22 | JCK22PT | JCK32 | JCK42 | JCK42PT | JCK52 |
| 0.6–60 seconds | JCK13 | JCK23 | JCK23PT | JCK33 | JCK43 | JCK43PT | JCK53 |
| 1.2–120 seconds | JCK14 | JCK24 | JCK24PT | JCK34 | JCK44 | JCK44PT | JCK54 |
| 1.8–180 seconds | JCK15 | JCK25 | JCK25PT | JCK35 | JCK45 | JCK45PT | JCK55 |
| 0.1–10 minutes | JCK16 | JCK26 | JCK26PT | JCK36 | JCK46 | JCK46PT | JCK56 |
| 0.3–30 minutes | JCK17 | JCK27 | JCK27PT | JCK37 | JCK47 | JCK47PT | JCK57 |
| 0.6–60 minutes | JCK18 | JCK28 | JCK28PT | JCK38 | JCK48 | JCK48PT | JCK58 |
| 1.2–120 minutes | JCK19 | JCK29 | JCK29PT | JCK39 | JCK49 | JCK49PT | JCK59 |

### Table 23.149: Fixed Time Delay

| Timing Mode | Type[1][4][5] | Timing Range (seconds) |
|---|---|---|
| On Delay | JCK1F(XXXX) | 0.1 to 180 |
| | | 181 to 3600 |
| Off Delay [2] | JCK2F(XXXX) | 0.1 to 180 |
| | | 181 to 3600 |
| Off Delay with Power Trigger | JCK2F(XXXX)PT | 0.1 to 180 |
| | | 181 to 3600 |
| Interval | JCK3F(XXXX) | 0.1 to 180 |
| | | 181 to 3600 |
| One Shot [2] | JCK4F(XXXX) | 0.1 to 180 |
| | | 181 to 3600 |
| One Shot with Power Trigger | JCK4F(XXXX)PT | 0.1 to 180 |
| | | 181 to 3600 |
| Repeat Cycle | JCK5F(XXXX) | 0.1 to 180 |
| | | 181 to 3600 |

### Table 23.150: Voltage Codes

| Voltage | Code |
|---|---|
| 12 Vdc | V36 |
| 24 Vac/Vdc | V14 |
| 48 Vac/Vdc | V17 |
| 120 Vac/110 Vdc | V20 |
| 240–50/60 Vac | V24 |

### Table 23.151: How to Order

| To Order Specify: | Catalog Number | | |
|---|---|---|---|
| | Class | Type | Voltage Code |
| • Class Number<br>• Type Number<br>• Voltage Code | 9050 | JCK11 | V20 |

*[1]* Voltage code must be specified to order this product. Refer to the standard voltage codes listed in Table 23.150 and insert as shown in Table 23.151.
*[2]* Initiating contact can be up to 50 feet from the timer.
*[3]* Two dials are provided for independently adjustable repeat cycle timing ranges.
*[4]* (XXXX) denotes the timing period in seconds.
Example: Class 9050 Type JCK1F60 is an On Delay timer fixed at 60 seconds.
*[5]* Fixed repeat cycle timers can be supplied with the same or different On-Time and Off-Time.



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