

Selection Guide

Solid State Timers with Relay Outputs

Timers & controls

To view individual catalog pages, see Catalog SS3 (1TRC001009C0201) or www.ssac.com



| | HR Series Onboard & External Adjust or Fixed | ERD Series Knob & External Adjust or Fixed | OR Series Knob & External Adjust or Fixed | KR Series Onboard & External Adjust or Fixed |
|---|--|--|---|--|
| Dedicated Function | Series | Series | Series | Series |
| Delay on Make (ON Delay) | HRDM | ERDM | ORM | KRDM |
| Interval (Impulse ON) | HRPS | | | KRPS |
| Recycling Equal Times | HRDI | ERDI | ORS | KRDI |
| Recycling (Pulse Generator) | HRPS | | | KRPS |
| Single Shot (Pulse Former) | HRD3 (e) | ERD3 (e) | | KRD3 (e) |
| Delay on Break (On Release) | HRPS | | | KRPS |
| | HRDR | | | KRDR |
| | HRPD | | | KRPD |
| | HRDS | ERDI | ORS | KRDS |
| | HRD9 (r) | | | KRD9 (r) |
| | HRPS | | | |
| Delay on Make / Delay on Break | HRDB | | ORB | KRDB |
| Delayed Interval (Single Pulse Generator) | HRPS | | | KRPS |
| Other Functions Available | HRPD | | | KRPD |
| | HRPD | | | KRPD |
| | • | | | • |
| Time Delay & Adjustment | | | | |
| Time Delay Range | 0.1 s to 1000 m | 0.1 s to 500 m (!) | 0.05 to 300 s (!) | 0.1 s to 1000 m |
| Repeat Accuracy | ≤ 0.5% | ≤ 0.5% to 2% | ≤ 2% | ≤ 0.5% |
| Knob Adjust | | • | • | |
| Onboard Adjust | • | | | • |
| Switch Adjust | | | | • |
| External Adjust | • | • | • | • |
| Factory Fixed | • | • | • | • |
| General Features | | | | |
| DIN Rail Mounting | Adaptor Required | | | Adaptor Required |
| Surface Mounting | • | • | • | • |
| DPDT Relay/Resistive Rating | | 10 A | 10 A | |
| SPDT Relay/Resistive Rating | SPDT 30 A | 10 A | 10 A | 10 A |
| Popular AC & DC Voltages | | • | ORB, ORS AC Only | • |
| Encapsulated | • | • | | • |
| Quick Connects | • | • | • | • |
| Dimensions | in mm | 2.02 x 3.02 x 1.50 51.3 x 76.7 x 38.1 | 2.50 x 3.50 x 1.70 63.5 x 88.9 x 43.2 | 2.12 x 3.69 x 1.88 53.9 x 93.7 x 47.8 |
| | | | | 2.0 x 2.0 x 1.21 50.8 x 50.8 x 30.7 |

(e) = equal time delays; (r) = retriggerable; (!) = Most series consult catalog pages

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