## IL-2022 Reed Switch for Inductive Loads Form A, Center Contact, Release AT Configurable



This reed switch is designed for performance at moderate inductive loads of 15 W . The flattened lead outs are especially useful for orienting the internal blades to face one way while soldering, welding etc, for maximum in-group sensitivity. The three differential bands which are available cover a wide range of release specific applications. This reed switch is Lead $(\mathrm{Pb})$ free and RoHS compliant.

\& Applications
This reed switch is suitable for use in the following applications and many others: coffee machines, water tank control, digital wind vanes, rowing electronics, electronics and science kits..

騹 Electrical

| Sub code |  | $\mathbf{L}$ | $\mathbf{M}$ | $\mathbf{H}$ |
| :--- | :---: | :---: | :---: | :---: |
| Operate Range | AT | $20-50$ | $20-50$ | $20-50$ |
| Release Range | AT | $8-25$ | $11-30$ | $14-50$ |
| Contact Rating (max) | $\mathrm{W} / \mathrm{VA}$ | 15.0 | 15.0 | 15.0 |
| Switching Current (max) | A | 0.5 | 0.5 | 0.5 |
| Carry Current (max) | A | 1.75 | 1.75 | 1.75 |
| Switching Voltage (max) | $\mathrm{V}_{\mathrm{DC}}$ | 150 | 150 | 150 |
| Switching Voltage (max) | V | $\mathrm{V}_{\mathrm{AC}}$ | 125 | 125 |
| Breakdown Voltage | $\mathrm{m} \Omega$ | 200 | 200 | 125 |
| Initial Contact Resistance (max) | $\Omega$ | 100 | 150 | 200 |
| Insulation Resistance (min) | pF | $10^{11}$ | $10^{11}$ | $10^{11}$ |
| Capacitance (min) | 0.2 | 0.2 | 0.2 |  |

賈 Miscellaneous

| Operate Time (max) | ms | 1.0 |
| :--- | :---: | :---: |
| Bounce Time (max) | ms | 0.5 |
| Release Time (max) | ms | 0.15 |
| Resonance Frequency | Hz | $>2000$ |
| Operating Frequency | Hz | 500 |
| Operating Temperature | ${ }^{\circ} \mathrm{C}$ | -40 to +200 |
| Test Coil |  | 717102002 |
| Lead out plating |  | $\mathrm{Sn}(\mathrm{Pb}$ free) |
| Shock Resistance | g | 50 |
| Vibration (10-2000Hz) | g | 20 |

## 

IL-2022-(Sub Code)-(Start Operate AT)-(Finish Operate AT)
2. Example IL-2022-H-20-25

Denotes 20-25 Operate AT with a minimum Release AT of 14.

Other Configurations Available
Dynamic contact resistance limit, Higher insulation resistance, Special release limits, Gold plates leads

