LIMIT SWITCH

**CLZ-8166**



#### INPUT SPECIFICATIONS

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| **Operating Speed** | 0.5mm-50cm/sec |
| **Operating Frequency** | Mechanical: 120 Operating/minutsElectrical : 30 Operations/minuts                |
| **Contact Resistance** | 25mΩ min. (Initial Value) |
| **Insulation Resistance** | 100mΩ min. (below 500VDC) |

#### OUTPUT SPECIFICATIONS

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| **Dielectric Strength** | 1000VAC, 50/60Hz for 1 minute between terminals of the same polarity  |
| 1500VAC, 50/60Hz for 1 minute between current-carrying and non-current-carrying metal parts  |
| 1500VAC, 50/60Hz for1 minute between each terminal and ground |
| **Vibration** | 10-55Hz,1.5mm double amplitude  |
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#### ENVIRONMENT

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| **Ambient Temperature** | -5~ 65oC (with no icing) |
| **Humidity** | ~95% RH |
| **Life** | Mechanical : 10 Million Operation above Electrical : 500,000 Operation above  |
| **Shock** | Mechanical durable : 1,000m/sec2 (about 100G'S)Malfunction : 300m/sec2 (about 30G'S) |
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#### STANDARDS

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| **Weight** | About 130 to 190g |
| **EMC Standards** | EN60947-5-1 |
| **Degree Of Protection** | IP65 |

#### Applications

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| http://tninstruments.com/images/list-ui-radio-button.png Industrial Control Panel | http://tninstruments.com/images/list-ui-radio-button.png Injection Moulding Machines |
| http://tninstruments.com/images/list-ui-radio-button.png Elevator Control Panel | http://tninstruments.com/images/list-ui-radio-button.png Industrial Machinery |