



OMRON'S MINIATURE SWITCHES FOR RELIABILITY AND ACCURACY

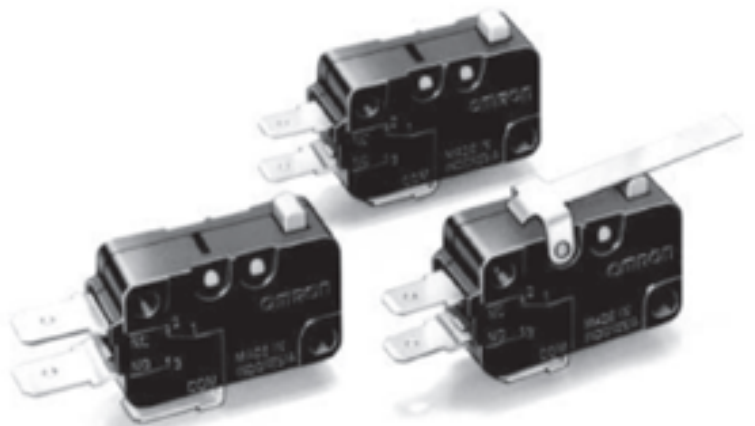
A KEY TO QUALITY MICROSWITCHES



In the landscape of modern industrial automation and electrical control, the need for reliable and efficient switching solutions is critical. As systems grow more sophisticated and demand higher performance, selecting the right switches becomes increasingly essential. OMRON's D3V Reliable Basic Switch and V Miniature Basic Switch address these needs with advanced features designed to enhance reliability and ease of use. These switches offer innovative solutions that simplify installation and operation, making them invaluable in various industrial and commercial applications. By integrating cutting-edge technology and thoughtful design, OMRON continues to push the boundaries of what is possible in switch performance and versatility.

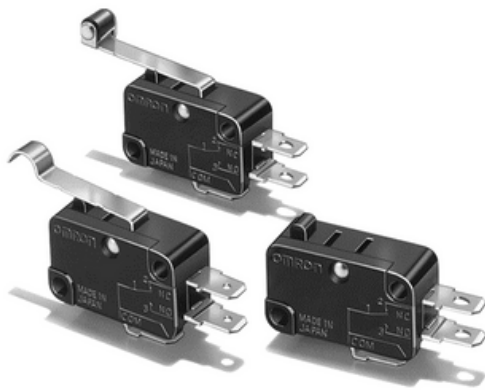
ABOUT OMRON

We believe in creating a more confident, informed and healthy way of living. As a global company, we've defined the path to better living for over 40 years through research, industry-leading innovation, and proven education strategies. For more information, visit components.omron.com



D3V RELIABLE BASIC SWITCH:

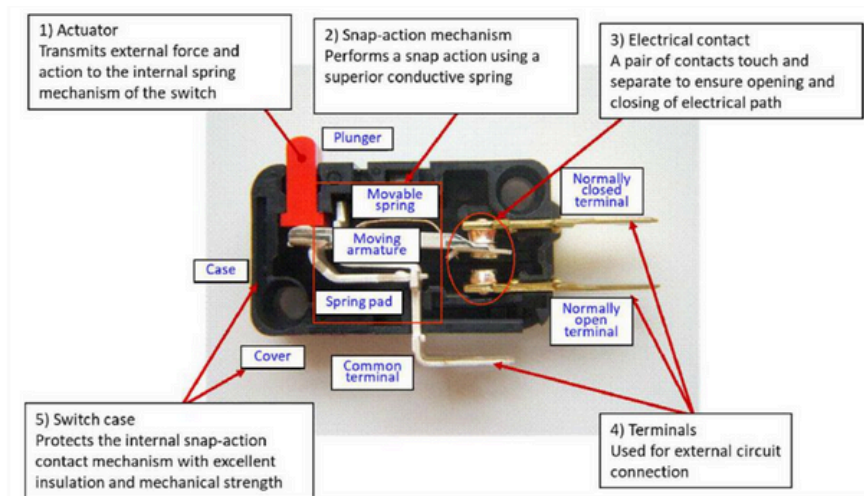
OMRON's D3V Reliable Basic Switch exemplifies durability and flexibility in switching technology. This model is available in a broad range of current ratings from 0.1 A to 21 A, making it versatile for numerous applications. A key feature of the D3V is its self-cleaning contacts, which maintain reliable performance and reduce maintenance needs over time. The switch offers configuration options with externally fitted levers, catering to various installation scenarios and space constraints. This flexibility ensures that the D3V can be seamlessly integrated into both simple and complex systems, providing dependable operation across different settings.



V MINIATURE BASIC SWITCH:

In contrast, the V Miniature Basic Switch is designed to meet the demands of environments where space and precision are crucial. With switching currents ranging from 10 A to 21 A, this switch handles moderate to high loads with ease. Its design supports applications that require accurate current interruption, such as door control systems. The V Series switch is available

in two case materials—thermoplastic resin and thermosetting resin—allowing for adaptation to varying environmental conditions. Additionally, models featuring indium contacts are available for DC load applications, further extending the switch's versatility. The V Miniature Basic Switch's compact form and reliable performance make it an ideal choice for high-density and precision-driven applications. By incorporating features such as self-cleaning contacts in the D3V and diverse case materials in the V Series, OMRON addresses the evolving needs of modern industrial systems. These switches provide robust solutions for a wide range of applications, enhancing both reliability and functionality.



Cross-bar contact

- Used for micro load switching
- Gold, gold alloy or gold contact



The contact area is small and the contact pressure per unit is high, which is suitable for micro load switching

Rivet contact

- Used for medium to heavy load switching.
- Silver, silver alloy or silver plated contact



Used in a wide application range from standard to heavy loads.