

V

Miniature Basic Switch

Features

- Breaks from 0.1 A to 21 A
- Applications include not only industrial equipment but also commercial products (OEM)
- Available in two types of cases: thermoplastic resin and thermoset resin
- Low force, high contact reliability design available (Type namd VX)



Ordering Information

Model number	Operating force g max.	Release force g min.	Pretravel mm (inch) max.	Overtavel mm (inch) min.	Movement differential mm (inch) max.	Operating position mm (inch) nom.	Actuator length mm (inch) nom.	Style
V-10G-1C25-K	200	50	1.2 (.047)	1.3 (.051)	0.3 (.012)	14.7 (.579)	—	
V-10G-1C24-K	100	20	1.2 (.047)	1.3 (.051)	0.3 (.012)	14.7 (.579)	—	
V-15G2-1C25-K	125	14	2.3 (.091)	2.3 (.091)	0.8 (.031)	15.2 (.598)	35.6 (1.402)	
V-10G2-1C24-K	60	6	3.3 (.130)	2.3 (.091)	0.8 (.031)	15.2 (.598)	35.6 (1.402)	
V-15G3-1C25-K	70	6	9.0 (.354)	3.0 (.118)	2.0 (.079)	15.2 (.598)	59.4 (2.339)	
V-10G3-1C24-K	35	—	7.6 (.299)	3.2 (.126)	2.0 (.079)	15.2 (.598)	59.4 (2.339)	
V-15G6-1C25-K	125	14	3.3 (.130)	2.3 (.091)	0.8 (.031)	20.7 (.815)	34.0 (1.339)	
V-10G6-1C24-K	60	6	3.3 (.130)	2.3 (.091)	0.8 (.031)	20.7 (.815)	34.0 (1.339)	
V-15G5-1C25-K	240	50	1.5 (.059)	1.0 (.039)	0.5 (.020)	20.7 (.815)	20.1 (.791)	
V-10G5-1C24-K	120	15	1.5 (.059)	1.0 (.039)	0.5 (.020)	20.7 (.815)	20.1 (.791)	
V-15G4-1C25-K	125	14	3.3 (.130)	2.3 (.091)	0.8 (.031)	18.7 (.736)	32.6 (1.283)	
V-10G4-1C24-K	60	6	3.3 (.130)	2.3 (.091)	0.8 (.031)	18.7 (.736)	32.6 (1.283)	

Note: 1. All models above are solder/quick connect terminal (#187) versions.

Other available terminal versions are listed below.

2. For 01, 3, and 5 A versions –

3. V-10 versions also available in higher operate force

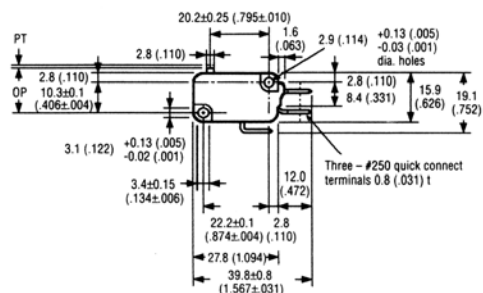
4. V-15 versions also available in lower/higher operate force

Construction Data

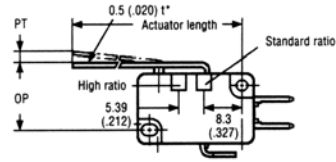
Termination Solder/quick connect terminal (#187), quick connect terminal (#250), solder terminal, and screw terminal

Packaging method Trays with box

Dimensions [Unit: mm (inch)]



Actuators: Actuators are available in many special forms and lengths. OMRON offers standard type integral hinged lever and roller actuators in a choice of two pivot positions. The length of the actuator is dimensioned from the centerline of the switch mounting hole as shown.



* Stainless steel lever