

MICRO SWITCH™ V15 Series Miniature Basic Switch

Product Nomenclature

For example, a **V15T16-CZ200A06-K** part number would define a MICRO SWITCH™ V15 Series miniature switch with a long roller lever positioned far from the pin plunger, a 125 °C temperature grade, 16 A current rating, 6,30 mm x 0,80 mm quick connect terminals, SPDT, 200 gf operating force, and USA mounting holes



V15
Switch Type
V15 Series
Miniature
Basic
Switch

Temperature Grade	
S	85 °C (for "05" rating only)
T	125 °C
H	150 °C

Electrical Rating	
05	ENEC/CQC: 0.1 A 48 Vdc 0.1 A 125/250 Vac S (2.5) A 125/250 Vac, SE4, u UL/CISA: 0.1 A 48 Vdc 0.1 A 125/250 Vac S A 1/10 HP 125/250 Vac *52° Temperature grade only, C, F, terminal only
10	UL/CISA: 1 A 30 Vdc 10 A 1/20 HP 125/250 Vac (160K cycles) Above only for H temperature grade only UL/CUL: 11 A 1/20 HP 125/250 Vac 0.5 A 125 Vac / 0.25 A 250 Vac 4 A 125 Vac L
11	ENEC/CQC: 1 (1/2) A 125/250 Vac Use with "H" termination only *52° Temperature grade only Min operate force 30 gf
16	ENEC/CQC: 16(4) A 125/250 Vac, u, SE4 UL/CISA: 16 A 1/2 HP 125/250 Vac
22	ENEC/CQC: 22(8) A 250 Vac, u, SE4 UL/CISA: 22 A 1 HP 125/250 Vac
26	ENEC/CQC: 26(10) A 250 Vac, 250 g min. OF 0.50 A 250 Vac, SE3, u

Terminal Type	
C	Quick connect 6,30 mm x 0,80 mm [0.250 in x 0.032 in]
D	Quick connect 4,70 mm x 0,80 mm [0.187 in x 0.032 in]
E	Quick connect 4,70 mm x 0,50 mm [0.187 in x 0.020 in]
H	Solid wire push-in, 18-22 ga only
L	PCB connect, left side
R	PCB connect, right side
S	Solder connect (silver plated)
T	Screw connect
X	Special connect

Circuit Code	
Z	SPDT
P	SPST-NO
C	SPST-NC

Operating Force (at pin plunger max)	
015	15 gf; 0,15 N Notes: Only applies to V15505 Series
025	25 gf; 0,25 N Notes: Only applies to V15505 Series
050	50 gf; 0,49 N Notes: Only applies to V15505, V15T10 Series
100	100 gf; 0,96 N Notes: Minimum OF for 16A or higher rating
200	200 gf; 1,96 N Notes: V15505, V15T10 Series with maximum OF is 200 gf. Min OF for V15T30 and V15H426
300	300 gf; 2,94 N
400	400 gf; 3,92 N

Lever Position	
	No Lever
A	Far from pin plunger
B	Near pin plunger

Lever Type	
	No Lever
01	Short straight lever
02	Standard straight lever
03	Long straight lever
04	Simulated roller lever
05	Roller lever
06	Long roller lever
99	Special

Mounting Holes	
	Metric Ø 3,1 mm
K	USA Ø 2,9 mm

Special Designator	
	A special designator letter is used only when Terminal Type is "X" or Actuator/Lever Type is "99" to specify that the terminals or the actuator of the switch is special. Review Product Specification to determine the exact differences. Below are some cases.
A	Contact gold-plated
01	Black case and cover