



**MICRO SWITCH™**  
**Standard Basic Switches**  
**V15 Series**



# MICRO SWITCH™ V15 Series

## Standard Basic Switches

Honeywell's MICRO SWITCH™ V-Basic Standard Switch, V15 Series is an electromechanical switch designed to provide outstanding value in a reliable global package. This switch is often ideal for "low-cost-of-failure" applications, where the cost is minimal to replace or service any failure related to the switch. With a wide variety of operating forces, and amperage ratings, the V15 is designed for numerous types of applications.

Available in both pin plunger and levered styles, the V15 Series also offers a multitude of termination styles to fit almost any application.

### *What makes our switches better?*

- Wide choice of electrical ratings: 0.1 A, 5 A, 10 A, 16 A, 22 A, 26 A
- Certified for global use: UL/cUL, ENEC, CQC
- Available with pin plungers or integral levers to meet multiple application and equipment requirements

## Features and Benefits

### **BROAD RANGE OF ELECTRICAL LOADS**

Honeywell's MICRO SWITCH™ V15 Series offers a broad range of electrical loads (**0.1 A, 5 A, 10 A, 16 A, 22 A, 26 A**) while maintaining precision operation and application versatility. V15 Series has a long service life of over **one million mechanical actuations**.

### *Six load ratings! 13 terminations!*

### **APPLICATION FLEXIBILITY**

V15 Series switches perform a variety of functions as well as offering a choice of actuation, termination, and operating characteristics that can allow for flexibility in numerous types of applications.

### **SAVES TIME**

With a broad current capacity, one switch package can control a wide range of electrical loads. As requirements vary for applications, a standardized switch package with multiple choice of actuators may help minimize costs and may streamline the assembly process by allowing for increased flexibility within some applications. Gold contacts are also available for controlling logic level/low energy circuits.

BROAD RANGE OF ELECTRICAL LOADS  
RELIABLE • GLOBAL ACCEPTANCE

## Potential Applications



### **VENDING MACHINES**

Serves as a snack dispenser limit switch, a snack selection switch, and/or a drink machine valve motor cam switch

### **GAMING MACHINE**

Often used for slot machine lever position, pinball lever switch, or in determining an arcade joystick lever position



### **APPLIANCES**

Used in water conditioner timer mechanisms, a control panel cover lock out, and signals valve position that softener regeneration is in progress. May also be used to indicate water pressure, float level, and door position in commercial appliances

### **ICE MAKERS**

Indicates ice cube tray position, controls the water inlet valve, and used as a cycle complete switch. May also be used in the ice cube or water dispenser mechanism

### **FURNACES**

May be used in a furnace's pressure switch to prevent overpressure in the combustion chamber or backpressure in the exhaust line from an obstruction



### **POWER WASHERS**

Often used to prevent seal blowout due to overpressure in water pumps

# V15 Series

## V15S05 PRODUCT NOMENCLATURE

| V15                              | S                                                    | 05                                                         | — | C                                                                                                                                                                                                                                                                                                          | 1                                          | Z                                | 200                                                                                                     | A                                                                                         | 06                                                                                                                                                                                                          | — | K                                                  | A                                                                                                                                                                                                                                         |
|----------------------------------|------------------------------------------------------|------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch Type                      | Temperature Grade                                    | Electrical Rating                                          |   | Terminal Type                                                                                                                                                                                                                                                                                              | Housing Type                               | Circuit Code                     | Operating Force (at pin plunger max)                                                                    | Lever Position                                                                            | Lever Type                                                                                                                                                                                                  |   | Mounting Holes                                     | Special Designator                                                                                                                                                                                                                        |
| V15 Series Standard Basic Switch | S 85 °C [185 °F]<br>(for "05" and "11" ratings only) | 05 0.1 A 48 Vdc/<br>125 Vac/250 Vac<br>5 A 125 Vac/250 Vac |   | C Quick connect<br>6.30 mm x 0.80 mm<br>[0.250 in x 0.032 in]<br>D Quick connect<br>4.70 mm x 0.80 mm<br>[0.187 in x 0.032 in]<br>E Quick connect<br>4.70 mm x 0.50 mm<br>[0.187 in x 0.020 in]<br>F Screw terminal<br>w/ pressure plate<br>U Push-in terminal<br>(used only in combination<br>with "S11") | Basic<br>(blank)<br>1 Flat<br>2 Fully flat | Z SPDT<br>P SPST-NO<br>C SPST-NC | 015 15 gf; 0.15 N<br>025 25 gf; 0.25 N<br>050 50 gf; 0.49 N<br>100 100 gf; 0.96 N<br>200 200 gf; 1.96 N | Pin plunger,<br>no lever<br>(blank)<br>A Far from<br>pin plunger<br>B Near pin<br>plunger | No Lever<br>(blank)<br>01 Short<br>straight lever<br>02 Standard<br>straight lever<br>03 Long<br>straight lever<br>04 Simulated<br>roller lever<br>05 Roller lever<br>06 Long<br>roller lever<br>** Special |   | Metric<br>Ø 3.1 mm<br>(blank)<br>K USA<br>Ø 2.9 mm | A special designator<br>letter is used only<br>when there is a<br>special modification<br>to the switch.<br>Review Product<br>Specification to<br>determine the exact<br>differences. Below<br>is an example.<br>A Contact<br>gold-plated |

\* only available with U terminal type and 200 gf operating force.  
\*\* Additional code assigned for specials

## V15T10 PRODUCT NOMENCLATURE

| V15                              | T                 | 10                                                                                    | — | C                                                                                                                                                                                                                                        | 1                                          | Z                                | 200                                                           | A                                                                                         | 06                                                                                                                                                                                                          | — | K                                                  | A                                                                                                                                                                                                                                         |
|----------------------------------|-------------------|---------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch Type                      | Temperature Grade | Electrical Rating                                                                     |   | Terminal Type                                                                                                                                                                                                                            | Housing Type                               | Circuit Code                     | Operating Force (at pin plunger max)                          | Lever Position                                                                            | Lever Type                                                                                                                                                                                                  |   | Mounting Holes                                     | Special Designator                                                                                                                                                                                                                        |
| V15 Series Standard Basic Switch | T 125 °C [257 °F] | 10 0.5 A 125 Vdc<br>0.25 A 250 Vdc<br>4 A 125 Vac (lamp load)<br>10 A 125 Vac/250 Vac |   | C Quick connect<br>6.30 mm x 0.80 mm<br>[0.250 in x 0.032 in]<br>D Quick connect<br>4.70 mm x 0.80 mm<br>[0.187 in x 0.032 in]<br>E Quick connect<br>4.70 mm x 0.50 mm<br>[0.187 in x 0.020 in]<br>F Screw terminal<br>w/ pressure plate | Basic<br>(blank)<br>1 Flat<br>2 Fully flat | Z SPDT<br>P SPST-NO<br>C SPST-NC | 050 50 gf; 0.49 N<br>100 100 gf; 0.96 N<br>200 200 gf; 1.96 N | Pin plunger,<br>no lever<br>(blank)<br>A Far from<br>pin plunger<br>B Near pin<br>plunger | No Lever<br>(blank)<br>01 Short<br>straight lever<br>02 Standard<br>straight lever<br>03 Long<br>straight lever<br>04 Simulated<br>roller lever<br>05 Roller lever<br>06 Long<br>roller lever<br>** Special |   | Metric<br>Ø 3.1 mm<br>(blank)<br>K USA<br>Ø 2.9 mm | A special designator<br>letter is used only<br>when there is a<br>special modification<br>to the switch.<br>Review Product<br>Specification to<br>determine the exact<br>differences. Below<br>is an example.<br>A Contact<br>gold-plated |

\*\* Additional code assigned for specials

## V15H16/T16/T22/H22/T26 PRODUCT NOMENCLATURE

| V15                              | H                                       | 16                                                                                                                                                                | — | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                          | Z                                | 200                                                                                               | A                                                                                         | 06                                                                                                                                                                                                          | — | K                                                  | A                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch Type                      | Temperature Grade                       | Electrical Rating                                                                                                                                                 |   | Terminal Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Housing Type                               | Circuit Code                     | Operating Force (at pin plunger max)                                                              | Lever Position                                                                            | Lever Type                                                                                                                                                                                                  |   | Mounting Holes                                     | Special Designator                                                                                                                                                                                                                        |
| V15 Series Standard Basic Switch | T 125 °C [257 °F]<br>H* 150 °C [302 °F] | 10 1 A 30 Vdc<br>10 A 1/2 HP 125/250 Vac<br>(H temperature grade only)<br>16 16 A 125 Vac/250 Vac<br>22 22 A 125 Vac/250 Vac<br>26 0.02 A 250 Vac<br>26 A 250 Vac |   | C Quick connect<br>6.30 mm x 0.80 mm<br>[0.250 in x 0.032 in]<br>D Quick connect<br>4.70 mm x 0.80 mm<br>[0.187 in x 0.032 in]<br>E Quick connect<br>4.70 mm x 0.50 mm<br>[0.187 in x 0.020 in]<br>F Screw terminal<br>w/ pressure plate<br>H RAST-5 250#<br>connector<br>K Slot hole,<br>solder terminal<br>L Left side,<br>PCB terminal<br>M Short sholder<br>terminal<br>N RAST-7 250#<br>connector<br>P Straight<br>PCB terminal<br>R Right side,<br>PCB terminal<br>S Solder<br>terminal<br>T Screw<br>terminal<br>** Special<br>terminal | Basic<br>(blank)<br>1 Flat<br>2 Fully flat | Z SPDT<br>P SPST-NO<br>C SPST-NC | 100 <sup>1</sup> 100 gf; 0.96 N<br>200 200 gf; 1.96 N<br>300 300 gf; 2.84 N<br>400 400 gf; 3.92 N | Pin plunger,<br>no lever<br>(blank)<br>A Far from<br>pin plunger<br>B Near pin<br>plunger | No Lever<br>(blank)<br>01 Short<br>straight lever<br>02 Standard<br>straight lever<br>03 Long<br>straight lever<br>04 Simulated<br>roller lever<br>05 Roller lever<br>06 Long<br>roller lever<br>** Special |   | Metric<br>Ø 3.1 mm<br>(blank)<br>K USA<br>Ø 2.9 mm | A special designator<br>letter is used only<br>when there is a<br>special modification<br>to the switch.<br>Review Product<br>Specification to<br>determine the exact<br>differences. Below<br>is an example.<br>A Contact<br>gold-plated |

\* "H" temperature grade not allowed with "26" electrical rating  
<sup>1</sup> "100" gf not allowed with "26" electrical rating  
\*\* Additional code assigned for specials

# MICRO SWITCH™ Standard Basic Switches

**Table 1. Specifications**

| Characteristic                                 | Parameter                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circuitry                                      | SPDT, SPNO, SPNC                                                                                                                                                                                                                                                                                                                       |
| Operating force                                | 0,15 N to 3,92 N [15g to 400 g]                                                                                                                                                                                                                                                                                                        |
| Termination                                    | quick connect; 6,35 mm x 0,80 mm [0.250 in x 0.032 in]<br>quick connect 4,80 mm x 0,80 mm [ 0.187 in x 0.032 in]<br>quick connect 4,80 mm x 0,50 mm [0.187 in x 0.020 in]<br>push-in terminals; RAST-5 250#; RAST-7 250#; short solder; slot-hole solder; solder;<br>right side PCB; left side PCB; straight PCB; screw; oblique screw |
| Actuators                                      | pin plunger, integral lever options                                                                                                                                                                                                                                                                                                    |
| Agency certification                           | ENEC, CQC, UL, cUL                                                                                                                                                                                                                                                                                                                     |
| Operating temperature (manufacturer specified) | code S: -25 °C to 85 °C [-13 °F to 185 °F]<br>code T: -25 °C to 125 °C [-13 °F to 257 °F]<br>code H: -25 °C to 150 °C [-13 °F to 302 °F]                                                                                                                                                                                               |
| Mechanical life (cycles)                       | 1 million cycles (except for 200g versions of V15S05 and V15T10 which are 500,000 cycles)                                                                                                                                                                                                                                              |
| Contact material                               | silver, gold-plated                                                                                                                                                                                                                                                                                                                    |
| Housing material                               | PBT thermoplastic polyester                                                                                                                                                                                                                                                                                                            |

**Table 2. Electrical Ratings**

| Rating/Nomenclature Code | UL/cUL (CUL 61058-1, File 12252)<br>Americas                                                    | ENEC (IEC 61058-1) Europe<br>CQC (GB15092-1) Asia-Pacific                 |
|--------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 05                       | 5 GPA 125/250 Vac; 0.1 GPA 125/250 Vac<br>1/10 HP 125/250 Vac<br>0.1 RA 48 Vdc<br>10,000 cycles | 0.1 A 125/250 Vac; 0.1 A 48 Vdc<br>5 (2.5) A 125/250 Vac<br>50,000 cycles |
| H10                      | 10 GPA 125/250 Vac<br>1/2 HP 125/250 Vac<br>1.0 RA 30 Vdc<br>100,000 cycles                     | n/a                                                                       |
| T10                      | 11 GPA 125/250 Vac<br>1/3 HP 125/250 Vac<br>0.5 RA 125 Vdc<br>0.25 RA 250 Vdc<br>10,000 cycles  | 0.5 A 125 Vdc; 0.25 A 250 Vdc<br>10 (3) A 125/250 Vac<br>50,000 cycles    |
| S11                      | 11 (3) 125/250 Vac<br>50,000 cycles                                                             | 11 (3) 125/250 Vac<br>50,000 cycles                                       |
| 16                       | 16 GPA 125/250 Vac<br>1/2 HP 125/250 Vac<br>10,000 cycles                                       | 16 (4) A 250 Vac<br>50,000 cycles                                         |
| 22                       | 22 GPA 125/250 Vac<br>1 HP 125/250 Vac<br>10,000 cycles                                         | 22 (8) A 250 Vac<br>25,000 cycles                                         |
| 26                       | n/a                                                                                             | 0.02 A 250 Vac<br>26 (10) A 250 Vac<br>50,000 cycles                      |

- RA = Resistive Amps (Resistive Load)
- GPA = General Purpose Amps (Inductive Load, 75 % to 80 % power factor)
- VL = Lamp Load

- XX (Y) = XX max. resistive value (Amps) and (Y) max. inductive value (Amps)

# V15 Series

## PRODUCT SPECIFICATIONS AND LISTINGS

Contact your Honeywell rep or distributor for additional listings

O.F. • Operating force  
R.F. • Release force  
P.T. • Pretravel  
O.T. • Overtravel  
D.T. • Differential travel  
O.P. • Operating position

|                                                                                                  | Catalog Listing | Elec.<br>Rating<br>UL/cUL (ENEC) | Electrical<br>Rating<br>(see page 5) | Temperature<br>Rating | Circuitry | O.F. @ pin<br>plunger<br>g [oz] | R. F.<br>g [oz] | O.P.<br>nominal<br>mm [in] | P.T. max.<br>mm [in] | O.T. min.<br>mm [in] | D.T. max.<br>mm [in] | Mounting<br>holes |
|--------------------------------------------------------------------------------------------------|-----------------|----------------------------------|--------------------------------------|-----------------------|-----------|---------------------------------|-----------------|----------------------------|----------------------|----------------------|----------------------|-------------------|
| <br>Pin Plunger | V15S05-CP100    | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPNO      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15S05-CZ015    | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPDT      | 15<br>[0.53]                    | 3<br>[0.11]     | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15S05-CZ100    | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15S05-EZ100-K  | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | USA               |
|                                                                                                  | V15H10-CP100    | 10 A<br>(---)                    | H10                                  | 150 °C                | SPNO      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15H10-CZ100    | 10 A<br>(---)                    | H10                                  | 150 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15H10-EZ100    | 10 A<br>(---)                    | H10                                  | 150 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15T10-CZ100    | 11 A<br>(10 A)                   | T10                                  | 125 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15T16-CP100    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPNO      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15T16-CZ100-K  | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | USA               |
|                                                                                                  | V15T16-EZ100-K  | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | USA               |
|                                                                                                  | V15H16-CZ100    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15H16-EZ100    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15T22-CP100-K  | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPNO      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | USA               |
|                                                                                                  | V15T22-CZ100-K  | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | USA               |
|                                                                                                  | V15H22-CP100    | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPNO      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15H22-CZ100    | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                  | V15T26-CP200-K  | ---<br>(26 A)                    | 26                                   | 125 °C                | SPNO      | 200<br>[7.05]                   | 50<br>[1.76]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | USA               |
|                                                                                                  | V15T26-CZ200    | ---<br>(26 A)                    | 26                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 50<br>[1.76]    | 14,7<br>[0.58]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |

# MICRO SWITCH™ Standard Basic Switches

## PRODUCT SPECIFICATIONS AND LISTINGS

Contact your Honeywell rep or distributor for additional listings

O.F. • Operating force  
R.F. • Release force  
P.T. • Pretravel  
O.T. • Overtravel  
D.T. • Differential travel  
O.P. • Operating position

|                                                                                                                                   | Catalog Listing    | Elec.<br>Rating<br>UL/cUL (ENEC) | Electrical<br>Rating<br>(see page 9) | Temperature<br>Rating | Circuitry | O.F. @ pin<br>plunger<br>g [oz] | R. F.<br>g [oz] | O.P.<br>nominal<br>mm [in] | P.T. max.<br>mm [in] | O.T. min.<br>mm [in] | D.T. max.<br>mm [in] | Mounting<br>holes |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------|--------------------------------------|-----------------------|-----------|---------------------------------|-----------------|----------------------------|----------------------|----------------------|----------------------|-------------------|
|  <p><b>Short<br/>Straight<br/>Lever</b></p>      | V15H10-EZ200B01    | 10 A<br>(---)                    | H10                                  | 150 °C                | SPDT      | 200<br>[7.05]                   | 20<br>[0.71]    | 15,3<br>[0.60]             | 2,4<br>[0.09]        | 0,4<br>[0.02]        | 1,2<br>[0.05]        | Metric            |
|                                                                                                                                   | V15T10-CZ100A01    | 11 A<br>(10 A)                   | T10                                  | 125 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 15,3<br>[0.60]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                                   | V15H16-EZ100A01    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 15,3<br>[0.60]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                                   | V15H16-EZ400A01    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 400<br>[14.11]                  | 100<br>[3.53]   | 15,3<br>[0.60]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                                   | V15T16-CC100A01    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPNC      | 100<br>[3.53]                   | 25<br>[0.88]    | 15,3<br>[0.60]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                                   | V15T16-CP300A01    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPNO      | 300<br>[10.58]                  | 75<br>[2.65]    | 15,3<br>[0.60]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                                   | V15T16-E1Z100A01-K | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 25<br>[0.88]    | 15,3<br>[0.60]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | USA               |
|                                                                                                                                   | V15T16-EP200A01    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPNO      | 200<br>[7.05]                   | 50<br>[1.76]    | 15,3<br>[0.60]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                                   | V15T16-EZ200A01-K  | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 50<br>[1.76]    | 15,3<br>[0.60]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | USA               |
|  <p><b>Standard<br/>Straight<br/>Lever</b></p> | V15S05-CZ025B02    | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPDT      | 25<br>[0.88]                    | 2<br>[0.07]     | 15,3<br>[0.60]             | 6,0<br>[0.24]        | 2,2<br>[0.086]       | 1,65<br>[0.064]      | Metric            |
|                                                                                                                                   | V15S05-EZ025A02    | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPDT      | 25<br>[0.88]                    | 2<br>[0.07]     | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15H10-CC200A02    | 10 A<br>(---)                    | H10                                  | 150 °C                | SPNC      | 200<br>[7.05]                   | 20<br>[0.71]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15T10-CZ050A02    | 11 A<br>(10 A)                   | T10                                  | 125 °C                | SPDT      | 60<br>[2.12]                    | 5<br>[0.18]     | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15H16-CP100A02    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPNO      | 100<br>[3.53]                   | 10<br>[0.35]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15H16-CZ100A02    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15H16-CZ200A02    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 200<br>[7.05]                   | 20<br>[0.71]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15H16-EP400A02-K  | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPNO      | 400<br>[14.11]                  | 40<br>[1.41]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | USA               |
|                                                                                                                                   | V15H16-EZ200B02    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 200<br>[7.05]                   | 15<br>[0.53]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15T16-CP300A02    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPNO      | 300<br>[10.58]                  | 30<br>[1.06]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15T16-CZ100A02    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15T16-DZ100A02    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15T16-MZ200A02    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 20<br>[0.71]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15T22-CZ300A02    | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPDT      | 300<br>[10.58]                  | 30<br>[1.06]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15H22-CP100A02    | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPNO      | 100<br>[3.53]                   | 10<br>[0.35]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15H22-CZ100A02    | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |
|                                                                                                                                   | V15T22-KC200A02    | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPNC      | 200<br>[7.05]                   | 20<br>[0.71]    | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,3<br>[0.051]       | 1,2<br>[0.047]       | Metric            |

# V15 Series

## PRODUCT SPECIFICATIONS AND LISTINGS

Contact your Honeywell rep or distributor for additional listings

O.F. • Operating force  
R.F. • Release force  
P.T. • Pretravel  
O.T. • Overtravel  
D.T. • Differential travel  
O.P. • Operating position

|                                                                                                                      | Catalog Listing   | Elec.<br>Rating<br>UL/cUL (ENEC) | Electrical<br>Rating<br>(see page 5) | Temperature<br>Rating | Circuitry | O.F. @ pin<br>plunger<br>g [oz] | R. F.<br>g [oz] | O.P.<br>nominal<br>mm [in] | P.T. max.<br>mm [in] | O.T. min.<br>mm [in] | D.T. max.<br>mm [in] | Mounting<br>holes |
|----------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|--------------------------------------|-----------------------|-----------|---------------------------------|-----------------|----------------------------|----------------------|----------------------|----------------------|-------------------|
|  <p>Long<br/>Straight<br/>Lever</p> | V15H10-FP200A03   | 10 A<br>(---)                    | H10                                  | 150 °C                | SPNO      | 200<br>[7.05]                   | 10<br>[0.35]    | 15,3<br>[0.60]             | 6,4<br>[0.25]        | 2,4<br>[0.09]        | 2,6<br>[0.10]        | Metric            |
|                                                                                                                      | V15T10-CZ200A03   | 11 A<br>(10 A)                   | T10                                  | 125 °C                | SPDT      | 25<br>[0.88]                    | 10<br>[0.35]    | 15,3<br>[0.60]             | 6,4<br>[0.25]        | 2,4<br>[0.09]        | 2,6<br>[0.10]        | Metric            |
|                                                                                                                      | V15H16-CZ100A03-K | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 5<br>[0.18]     | 15,3<br>[0.60]             | 6,4<br>[0.25]        | 2,4<br>[0.09]        | 2,6<br>[0.10]        | USA               |
|                                                                                                                      | V15H16-CZ300A03-K | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 300<br>[10.58]                  | 15<br>[0.53]    | 15,3<br>[0.60]             | 6,4<br>[0.25]        | 2,4<br>[0.09]        | 2,6<br>[0.10]        | USA               |
|                                                                                                                      | V15T16-CZ100A03   | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 5<br>[0.18]     | 15,3<br>[0.60]             | 6,4<br>[0.25]        | 2,4<br>[0.09]        | 2,6<br>[0.10]        | Metric            |
|                                                                                                                      | V15T16-DZ100A03   | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 5<br>[0.18]     | 15,3<br>[0.60]             | 6,4<br>[0.25]        | 2,4<br>[0.09]        | 2,6<br>[0.10]        | Metric            |
|                                                                                                                      | V15T16-EZ200A03-K | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 10<br>[0.35]    | 15,3<br>[0.60]             | 6,4<br>[0.25]        | 2,4<br>[0.09]        | 2,6<br>[0.10]        | USA               |
|                                                                                                                      | V15H22-CP200B03   | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPNO      | 200<br>[7.05]                   | 8<br>[0.28]     | 15,3<br>[0.60]             | 12<br>[0.47]         | 3,5<br>[0.14]        | 5,3<br>[0.21]        | Metric            |
|                                                                                                                      | V15H22-CZ300A03-K | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPDT      | 300<br>[10.58]                  | 15<br>[0.53]    | 15,3<br>[0.60]             | 6,4<br>[0.25]        | 2,4<br>[0.09]        | 2,6<br>[0.10]        | USA               |
|                                                                                                                      | V15T22-CZ100A03   | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 5<br>[0.18]     | 15,3<br>[0.60]             | 6,4<br>[0.25]        | 2,4<br>[0.09]        | 2,6<br>[0.10]        | Metric            |
|                                                                                                                      | V15T26-CZ200A03   | ---<br>(26 A)                    | 26                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 10<br>[0.35]    | 15,3<br>[0.60]             | 6,4<br>[0.25]        | 2,4<br>[0.09]        | 2,6<br>[0.10]        | Metric            |
|  <p>Simulated<br/>Roller</p>      | V15H16-CZ200B04   | 16A<br>(16A)                     | 16                                   | 150 °C                | SPDT      | 200<br>[7.05]                   | 15<br>[0.53]    | 18,5<br>[0.73]             | 5,6<br>[0.22]        | 1,6<br>[0.06]        | 2,5<br>[0.10]        | Metric            |
|                                                                                                                      | V15H16-CZ300A04   | 16A<br>(16A)                     | 16                                   | 150 °C                | SPDT      | 300<br>[10.58]                  | 30<br>[1.06]    | 18,5<br>[0.73]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                                      | V15T16-CZ100A04   | 16A<br>(16A)                     | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 18,5<br>[0.73]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                                      | V15T16-DZ100A04   | 16A<br>(16A)                     | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 18,5<br>[0.73]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                                      | V15T16-EZ200A04-K | 16A<br>(16A)                     | 16                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 20<br>[0.71]    | 18,5<br>[0.73]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | USA               |
|                                                                                                                      | V15H22-CZ200B04-K | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPDT      | 200<br>[7.05]                   | 20<br>[0.71]    | 18,5<br>[0.73]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | USA               |
|                                                                                                                      | V15T22-CP200A04   | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPNO      | 200<br>[7.05]                   | 20<br>[0.71]    | 18,5<br>[0.73]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                                      | V15T22-CZ300A04   | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPDT      | 300<br>[10.58]                  | 30<br>[1.06]    | 18,5<br>[0.73]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                                      | V15T22-DC200A04   | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPNC      | 200<br>[7.05]                   | 20<br>[0.71]    | 18,5<br>[0.73]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                                      | V15T22-TP200A04   | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPNO      | 200<br>[7.05]                   | 20<br>[0.71]    | 18,5<br>[0.73]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                                      | V15T26-CZ300A04   | ---<br>(26 A)                    | 26                                   | 125 °C                | SPDT      | 300<br>[10.58]                  | 30<br>[1.06]    | 18,5<br>[0.73]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |

# MICRO SWITCH™ Standard Basic Switches

## PRODUCT SPECIFICATIONS AND LISTINGS

Contact your Honeywell rep or distributor for additional listings

O.F. • Operating force  
R.F. • Release force  
P.T. • Pretravel  
O.T. • Overtravel  
D.T. • Differential travel  
O.P. • Operating position

|                                                                                                                 | Catalog Listing  | Elec.<br>Rating<br>UL/cUL (ENEC) | Electrical<br>Rating<br>(see page 5) | Temperature<br>Rating | Circuitry | O.F. @ pin<br>plunger<br>g [oz] | R. F.<br>g [oz] | O.P.<br>nominal<br>mm [in] | P.T. max.<br>mm [in] | O.T. min.<br>mm [in] | D.T. max.<br>mm [in] | Mounting<br>holes |
|-----------------------------------------------------------------------------------------------------------------|------------------|----------------------------------|--------------------------------------|-----------------------|-----------|---------------------------------|-----------------|----------------------------|----------------------|----------------------|----------------------|-------------------|
|  <p>Short Roller<br/>Lever</p> | V15S05-EZ050A05  | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPDT      | 15<br>[0.53]                    | 10<br>[0.35]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15S05-EZ100A05  | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPDT      | 15<br>[0.53]                    | 20<br>[0.71]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15T10-EZ200A05  | 11 A<br>(10 A)                   | T10                                  | 125 °C                | SPDT      | 200<br>[7.05]                   | 40<br>[1.41]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15H16-CZ100A05  | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15H16-EP100A05  | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPNO      | 100<br>[3.53]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15H16-EZ200A05  | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 200<br>[7.05]                   | 40<br>[1.41]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15T16-CC100A05  | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPNC      | 100<br>[3.53]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15T16-CZ100A05  | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15T16-DZ100A05  | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15T16-E2Z200A05 | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 40<br>[1.41]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15T16-EP200A05  | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPNO      | 200<br>[7.05]                   | 40<br>[1.41]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15T16-EZ100A05  | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15T16-MZ200A05  | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 40<br>[1.41]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15H22-CZ100A05  | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |
|                                                                                                                 | V15T22-CZ200A05  | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 40<br>[1.41]    | 20,6<br>[0.81]             | 1,6<br>[0.06]        | 0,4<br>[0.02]        | 0,8<br>[0.03]        | Metric            |

# V15 Series

## PRODUCT SPECIFICATIONS AND LISTINGS

Contact your Honeywell rep or distributor for additional listings

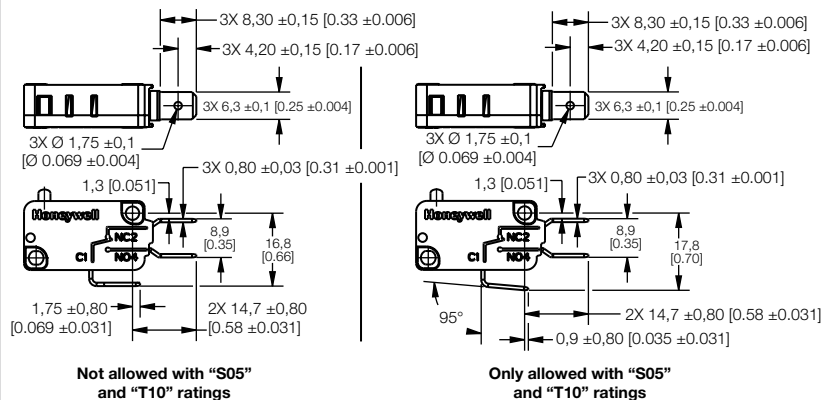
O.F. • Operating force  
R.F. • Release force  
P.T. • Pretravel  
O.T. • Overtravel  
D.T. • Differential travel  
O.P. • Operating position

|                                                                                                       | Catalog Listing          | Elec.<br>Rating<br>UL/cUL (ENEC) | Electrical<br>Rating<br>(see page 5) | Temperature<br>Rating | Circuitry | O.F. @ pin<br>plunger<br>g [oz] | R. F.<br>g [oz] | O.P.<br>nominal<br>mm [in] | P.T. max.<br>mm [in] | O.T. min.<br>mm [in] | D.T. max.<br>mm [in] | Mounting<br>holes |
|-------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------|--------------------------------------|-----------------------|-----------|---------------------------------|-----------------|----------------------------|----------------------|----------------------|----------------------|-------------------|
|  <b>Roller Lever</b> | <b>V15S05-CP200A06</b>   | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPNO      | 200<br>[7.05]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                       | <b>V15S05-EZ050A06</b>   | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPDT      | 0,59<br>[60]                    | 5<br>[0.18]     | 20,6<br>[0.81]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                       | <b>V15T10-EZ200A06</b>   | 11 A<br>(10 A)                   | T10                                  | 125 °C                | SPDT      | 200<br>[7.05]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                       | <b>V15H16-CZ100A06-K</b> | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 20,6<br>[0.81]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | USA               |
|                                                                                                       | <b>V15H16-EP200B06</b>   | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPNO      | 200<br>[7.05]                   | 10<br>[0.35]    | 20,6<br>[0.81]             | 6,0<br>[0.24]        | 1,6<br>[0.06]        | 2,2<br>[0.09]        | Metric            |
|                                                                                                       | <b>V15T16-CP200A06</b>   | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPNO      | 200<br>[7.05]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                       | <b>V15T16-CZ100A06</b>   | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 20,6<br>[0.81]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                       | <b>V15T16-DZ100A06</b>   | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 20,6<br>[0.81]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                       | <b>V15T16-EZ100A06</b>   | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 20,6<br>[0.81]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                       | <b>V15T16-MZ200A06</b>   | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |
|                                                                                                       | <b>V15H22-CZ100A06</b>   | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPDT      | 100<br>[3.53]                   | 10<br>[0.35]    | 20,6<br>[0.81]             | 6,0<br>[0.24]        | 1,6<br>[0.06]        | 2,2<br>[0.09]        | Metric            |
|                                                                                                       | <b>V15T22-CZ200A06</b>   | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPDT      | 200<br>[7.05]                   | 20<br>[0.71]    | 20,6<br>[0.81]             | 3,2<br>[0.13]        | 1,2<br>[0.05]        | 1,3<br>[0.05]        | Metric            |

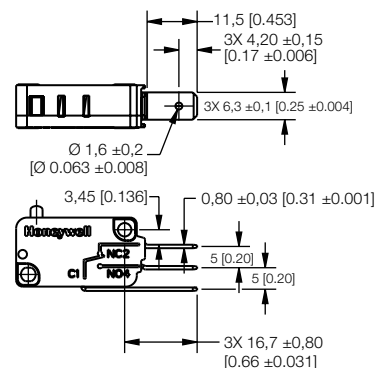


## CONNECTION DIMENSIONS

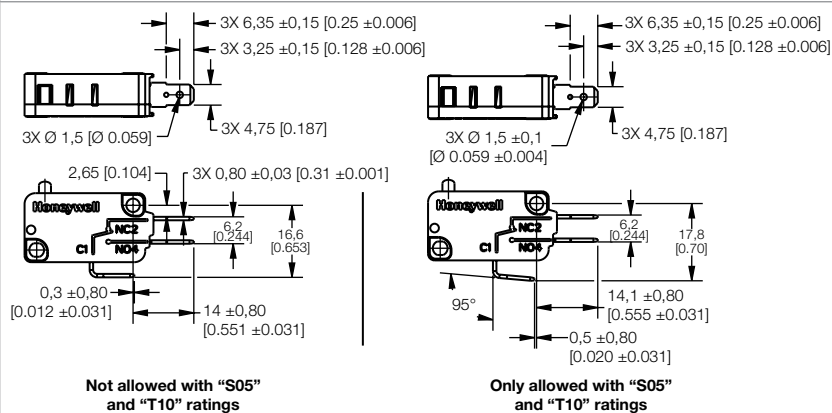
**Figure 5. V15 Series C-style Quick Connect • 6,35 mm wide x 0,8 mm thick**  
[0.25 in wide x 0.031 in thick]



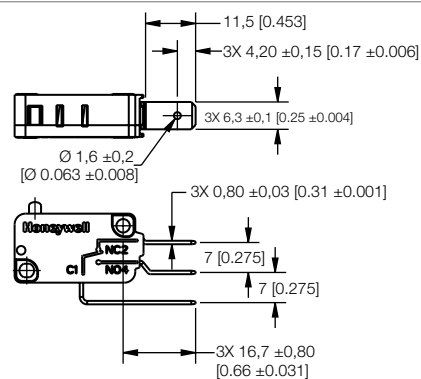
**Figure 6. V15 Series H-style RAST-5 250# Connector**



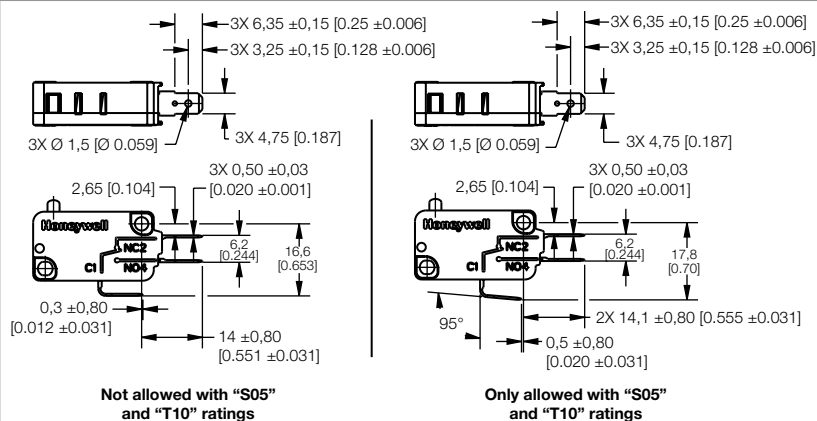
**Figure 7. V15 Series D-style Quick Connect • 4,80 mm wide x 0,8 mm thick**  
[0.189 in wide x 0.031 in thick]



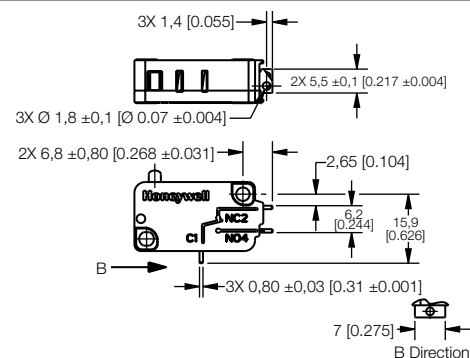
**Figure 8. V15 Series N-style RAST-7 250# Connector**



**Figure 9. V15 Series E-style Quick Connect • 4,80 mm wide x 0,5 mm thick**  
[0.189 in wide x 0.020 in thick]



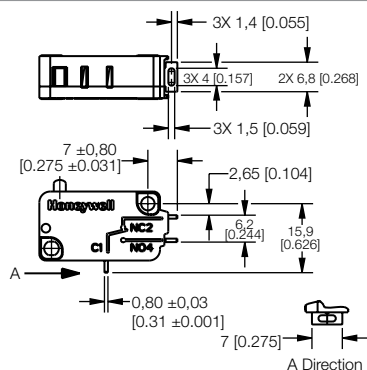
**Figure 10. V15 Series M-style Short Solder Terminal**



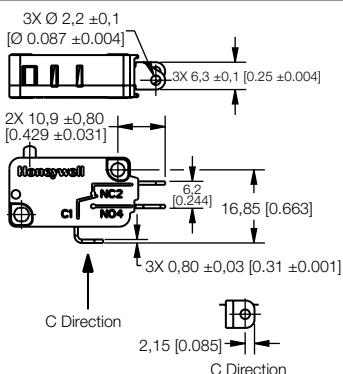
# MICRO SWITCH™ Standard Basic Switches

## CONNECTION DIMENSIONS

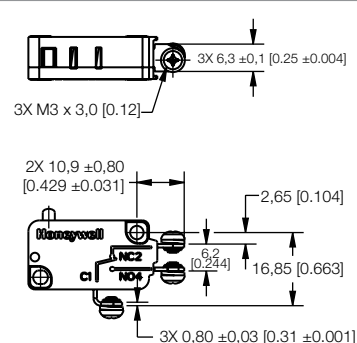
**Figure 11. V15 Series K-style Slot-Hole Solder Terminal**



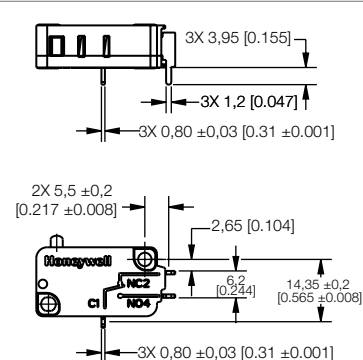
**Figure 12. V15 Series S-style Solder Terminal**



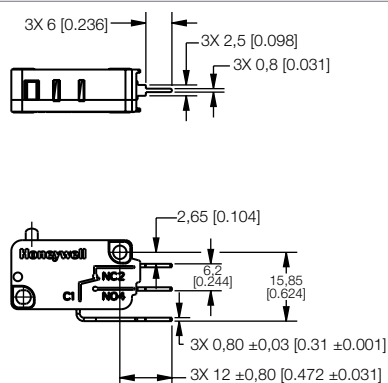
**Figure 13. V15 Series T-style Screw Terminal**



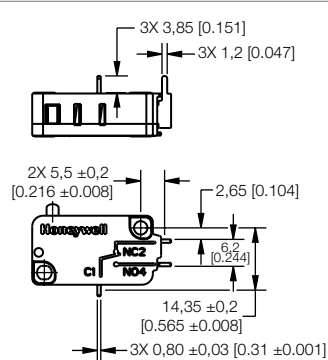
**Figure 14. V15 Series L-style Left-Side PCB Terminal**



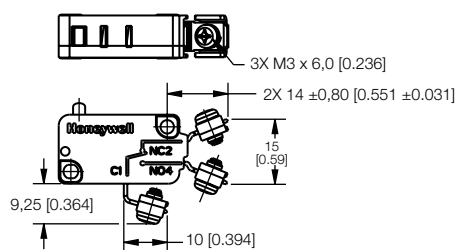
**Figure 15. V15 Series P-style Straight PCB Terminal**



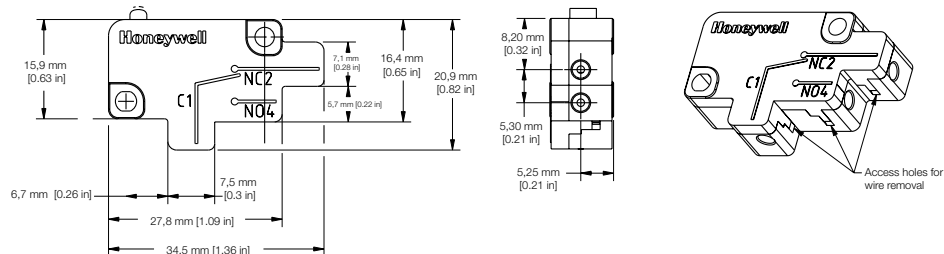
**Figure 16. V15 Series R-style Right-Side PCB Terminal**



**Figure 17. V15 Series F-style Screw Terminal with Pressure Plate**



**Figure 18. V15 Series U-Style Push-In Terminal (only allowed with V15S11)**



# V15 Series

## STANDARD LEVER OPTIONS • DIMENSIONS

Figure 19. V15 Series A01/Straight Short Lever

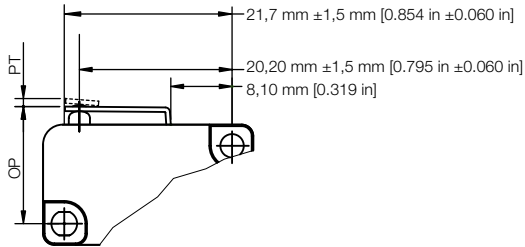


Figure 20. V15 Series A02/Standard Straight Lever

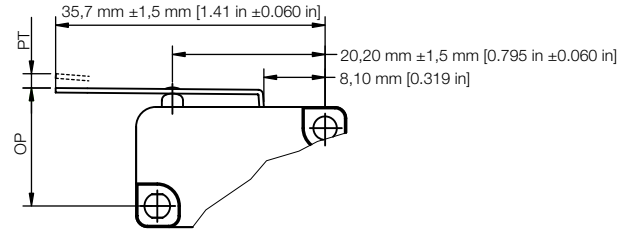


Figure 21. V15 Series A03/Long Straight Lever

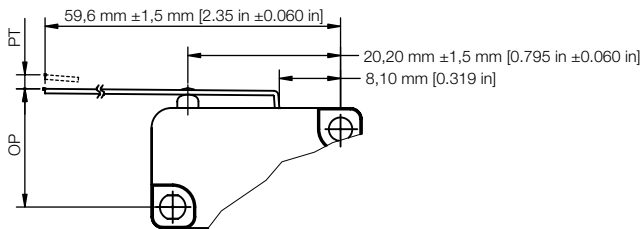


Figure 22. V15 Series A04/Simulated Roller Lever

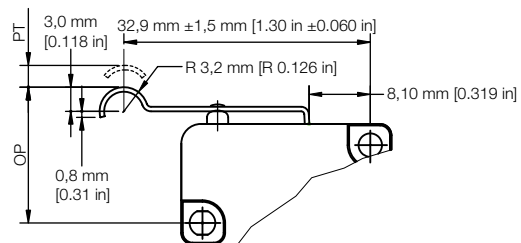


Figure 23. V15 Series A05/Short Roller Lever

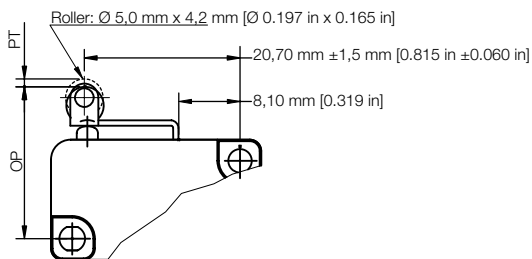
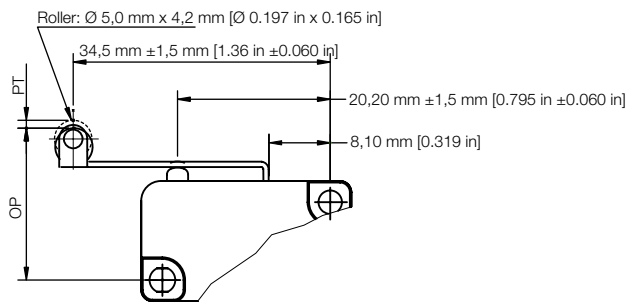
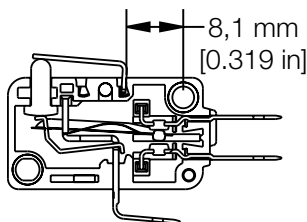


Figure 24. V15 Series A06/Roller Lever

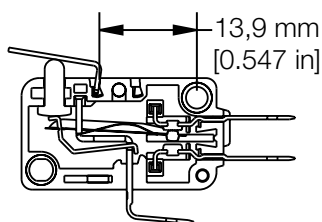


NOTE: These dimensions apply for the "A" lever position. For the "B" lever position, please add 5,7 mm [0.224 in].

### Position A



### Position B



# MICRO SWITCH™ Standard Basic Switches

This Honeywell datasheet supports the following MICRO SWITCH™ V15 Series Basic Switch Listings

|                    |                   |                    |                    |                   |                 |
|--------------------|-------------------|--------------------|--------------------|-------------------|-----------------|
| V15H10-CC200A02    | V15H16-EP200B06   | V15S05-CZ015A06    | V15T16-CP100-K     | V15T16-EC200      | V15T22-CP100-K  |
| V15H10-CP100       | V15H16-EP200B06-K | V15S05-CZ025       | V15T16-CP200       | V15T16-EC200A02   | V15T22-CP200    |
| V15H10-CP200       | V15H16-EP400      | V15S05-CZ025A06    | V15T16-CP200A06    | V15T16-EC400-K    | V15T22-CP200A04 |
| V15H10-CZ100       | V15H16-EP400A02-K | V15S05-CZ025B02    | V15T16-CP200-K     | V15T16-EP100-K    | V15T22-CP200-K  |
| V15H10-CZ200       | V15H16-EP400A03   | V15S05-CZ025B06    | V15T16-CP300       | V15T16-EP200      | V15T22-CP300    |
| V15H10-E1Z200B01-K | V15H16-EP400A03-K | V15S05-CZ050-K     | V15T16-CP300A01    | V15T16-EP200A01   | V15T22-CP300A04 |
| V15H10-EP100       | V15H16-EP400-K    | V15S05-CZ100       | V15T16-CP300A02    | V15T16-EP200A05   | V15T22-CP400    |
| V15H10-EP200       | V15H16-EZ100      | V15S05-CZ100-K     | V15T16-CP400       | V15T16-EP200-K    | V15T22-CP400-01 |
| V15H10-EZ100       | V15H16-EZ100A01   | V15S05-CZ50A06     | V15T16-CZ100       | V15T16-EZ100      | V15T22-CZ100    |
| V15H10-EZ200       | V15H16-EZ100A01-K | V15S05-E1Z015      | V15T16-CZ100A01    | V15T16-EZ100A02   | V15T22-CZ100A01 |
| V15H10-EZ200B01    | V15H16-EZ200      | V15S05-EP025-A     | V15T16-CZ100A02    | V15T16-EZ100A03   | V15T22-CZ100A02 |
| V15H10-FP200A03    | V15H16-EZ200A05   | V15S05-EP050-K     | V15T16-CZ100A02-K  | V15T16-EZ100A05   | V15T22-CZ100A03 |
| V15H16-C1Z100      | V15H16-EZ200B02   | V15S05-EP100-K     | V15T16-CZ100A03    | V15T16-EZ100A06   | V15T22-CZ100-K  |
| V15H16-CP100       | V15H16-EZ200B02-K | V15S05-EZ015       | V15T16-CZ100A03-K  | V15T16-EZ100-K    | V15T22-CZ200    |
| V15H16-CP100A02    | V15H16-EZ400      | V15S05-EZ015-K05   | V15T16-CZ100A04    | V15T16-EZ200      | V15T22-CZ200A05 |
| V15H16-CP100A02-K  | V15H16-EZ400A01   | V15S05-EZ025       | V15T16-CZ100A05    | V15T16-EZ200A01   | V15T22-CZ200A06 |
| V15H16-CP200       | V15H16-EZ400A01-K | V15S05-EZ025A02    | V15T16-CZ100A05-A  | V15T16-EZ200A01-K | V15T22-CZ200-K  |
| V15H16-CP200B03    | V15H16-EZ400-K    | V15S05-EZ025-K     | V15T16-CZ100A05-K  | V15T16-EZ200A02   | V15T22-CZ300    |
| V15H16-CP200B03-K  | V15H22-CC100-K    | V15S05-EZ050A05    | V15T16-CZ100A06    | V15T16-EZ200A02-K | V15T22-CZ300A02 |
| V15H16-CP400       | V15H22-CP100      | V15S05-EZ050A05-A  | V15T16-CZ100A06-K  | V15T16-EZ200A03-K | V15T22-CZ300A03 |
| V15H16-CP400B04    | V15H22-CP100A02   | V15S05-EZ050A06    | V15T16-CZ100B02    | V15T16-EZ200A04   | V15T22-CZ300A04 |
| V15H16-CP400B04-K  | V15H22-CP100A02-K | V15S05-EZ050-K     | V15T16-CZ100B03    | V15T16-EZ200A04-K | V15T22-CZ300A05 |
| V15H16-CP400-K     | V15H22-CP200      | V15S05-EZ100       | V15T16-CZ100-K     | V15T16-EZ200A05   | V15T22-CZ300B05 |
| V15H16-CZ100       | V15H22-CP200B03   | V15S05-EZ100-01    | V15T16-CZ200       | V15T16-EZ200A05-K | V15T22-CZ300B06 |
| V15H16-CZ100A02    | V15H22-CP200B03-K | V15S05-EZ100A02-KA | V15T16-CZ200-09    | V15T16-EZ200A06   | V15T22-DC200A04 |
| V15H16-CZ100A02-K  | V15H22-CP400      | V15S05-EZ100A05    | V15T16-CZ200A02    | V15T16-EZ200A06-K | V15T22-DZ200    |
| V15H16-CZ100A03    | V15H22-CP400B03   | V15S05-EZ100A05-A  | V15T16-CZ200A03    | V15T16-EZ200-K    | V15T22-EC200    |
| V15H16-CZ100A03-K  | V15H22-CP400B03-K | V15S05-EZ100-K     | V15T16-CZ200A05    | V15T16-EZ300      | V15T22-EC300A02 |
| V15H16-CZ100A05    | V15H22-CP400-K    | V15S05-EZ200       | V15T16-CZ200A06    | V15T16-EZ300A02   | V15T22-EP200    |
| V15H16-CZ100A05-K  | V15H22-CZ100      | V15S05-EZ200-01    | V15T16-CZ200-K     | V15T16-EZ300A03   | V15T22-HZ100    |
| V15H16-CZ100A06    | V15H22-CZ100A02   | V15S05-EZ200-02    | V15T16-CZ300       | V15T16-EZ300A05   | V15T22-KC200A02 |
| V15H16-CZ100A06-K  | V15H22-CZ100A02-K | V15S11-UZ200       | V15T16-CZ300A02    | V15T16-EZ300A06   | V15T22-KC200A97 |
| V15H16-CZ100-K     | V15H22-CZ100A03   | V15T10-CZ200-01    | V15T16-CZ300A02-K  | V15T16-EZ300B05   | V15T22-SC300    |
| V15H16-CZ200       | V15H22-CZ100A03-K | V15T10-CZ025B03    | V15T16-CZ300A03    | V15T16-EZ400      | V15T22-TP200A04 |
| V15H16-CZ200A02    | V15H22-CZ100A05   | V15T10-CZ050       | V15T16-CZ300A03-K  | V15T16-LC200A08   | V15T26-C1P300   |
| V15H16-CZ200A03    | V15H22-CZ100A05-K | V15T10-CZ050A02    | V15T16-CZ300A04    | V15T16-LZ100      | V15T26-CC200-K  |
| V15H16-CZ200A05    | V15H22-CZ100A06   | V15T10-CZ100       | V15T16-CZ300A05    | V15T16-MP200      | V15T26-CP200    |
| V15H16-CZ200A06    | V15H22-CZ100A06-K | V15T10-CZ100A01    | V15T16-CZ300A05-K  | V15T16-MZ200      | V15T26-CP200-K  |
| V15H16-CZ200B04    | V15H22-CZ100-K    | V15T10-CZ200A03    | V15T16-CZ300A06    | V15T16-MZ200A02   | V15T26-CP300    |
| V15H16-CZ200B04-K  | V15H22-CZ200      | V15T10-EP050       | V15T16-CZ300A06-K  | V15T16-MZ200A05   | V15T26-CP300-01 |
| V15H16-CZ300A02    | V15H22-CZ200B04   | V15T10-EP050-02    | V15T16-CZ300A70    | V15T16-MZ200A06   | V15T26-CP400    |
| V15H16-CZ300A02-K  | V15H22-CZ200B04-K | V15T10-EP200       | V15T16-CZ300-K     | V15T16-MZ300      | V15T26-CZ200    |
| V15H16-CZ300A03    | V15H22-CZ300A02-K | V15T10-EZ050       | V15T16-CZ400       | V15T16-MZ300-03   | V15T26-CZ200A03 |
| V15H16-CZ300A03-K  | V15H22-CZ300A03-K | V15T10-EZ200       | V15T16-CZ400A02    | V15T16-MZ300A05   | V15T26-CZ300    |
| V15H16-CZ300A04    | V15H22-CZ300A04   | V15T10-EZ200A05    | V15T16-D1Z100      | V15T16-RC200A08   | V15T26-CZ300A04 |
| V15H16-CZ300A05    | V15H22-CZ300A05-K | V15T10-EZ200A06    | V15T16-DP200       | V15T16-RZ100      | V15T26-CZ300-K  |
| V15H16-CZ300A05-K  | V15H22-CZ300A06-K | V15T16-C1Z200      | V15T16-DZ100       | V15T16-SC200      | V15T26-DZ200    |
| V15H16-CZ300A06    | V15H22-CZ300-K    | V15T16-CC100       | V15T16-DZ100A02    | V15T16-SC300      | V15T26-SC200    |
| V15H16-CZ300A06-K  | V15H22-CZ400      | V15T16-CC100A01    | V15T16-DZ100A03    | V15T16-SP300      |                 |
| V15H16-CZ300B03    | V15H22-CZ400B06   | V15T16-CC100A01-K  | V15T16-DZ100A04    | V15T16-SZ100      |                 |
| V15H16-CZ300-K     | V15H22-CZ400B06-K | V15T16-CC100A05    | V15T16-DZ100A05    | V15T16-SZ200      |                 |
| V15H16-CZ400       | V15H22-CZ400-K    | V15T16-CC100A05-K  | V15T16-DZ100A06    | V15T16-SZ300A05   |                 |
| V15H16-CZ400B02    | V15S05-C1Z015B02  | V15T16-CC100-K     | V15T16-DZ100B02    | V15T16-SZ400      |                 |
| V15H16-CZ400B02-K  | V15S05-C2Z050-K   | V15T16-CC200       | V15T16-DZ100B06    | V15T22-C1Z100     |                 |
| V15H16-CZ400-K     | V15S05-CP050-K    | V15T16-CC200-K     | V15T16-DZ200A02    | V15T22-C1Z200     |                 |
| V15H16-D1Z100      | V15S05-CP100      | V15T16-CC300A01-K  | V15T16-E1P200      | V15T22-CC100      |                 |
| V15H16-E1Z200-K    | V15S05-CP100-01   | V15T16-CC300A05-K  | V15T16-E1Z100A01-K | V15T22-CC100-K    |                 |
| V15H16-EP100       | V15S05-CP100-K    | V15T16-CC300A08    | V15T16-E1Z200      | V15T22-CC200      |                 |
| V15H16-EP100A05    | V15S05-CP200      | V15T16-CC300-K     | V15T16-E1Z200A05   | V15T22-CC300      |                 |
| V15H16-EP100A05-K  | V15S05-CP200A06   | V15T16-CC400       | V15T16-E2Z200A02   | V15T22-CC400      |                 |
| V15H16-EP200       | V15S05-CZ015      | V15T16-CP100       | V15T16-E2Z200A05   | V15T22-CP100      |                 |

## ADDITIONAL INFORMATION

The following associated literature is available on the Honeywell web site at [sensing.honeywell.com](http://sensing.honeywell.com):

- Product installation instructions
- Product range guide
- Product nomenclature tree
- Product application-specific information
  - Application note: Electronic sensors and electromechanical switches in valves and flow meters
  - Application note: Electronic sensors and MICRO SWITCH™ switches in industrial air compressors
  - Application note: Sensors and switches for potential HVAC/R applications
  - Application note: Sensors and switches for valve monitors and valve indicators
  - Application note: Sensors and switches in sanitary valves
  - Case study: Switching it up
  - Technical bulletin: Applying precision switches

### **WARNING**

#### **PERSONAL INJURY**

**DO NOT USE** these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

### **WARNING**

#### **MISUSE OF DOCUMENTATION**

- The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- Complete installation, operation, and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

## WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgement or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items it finds defective. **The foregoing is buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.**

While we provide application assistance personally, through our literature and the Honeywell website, it is up to the customer to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

#### **Find out more**

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## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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