

## MICRO SWITCH™ Standard Basic Switches

V15 Series

004945

Issue 8

Datasheet



### DESCRIPTION

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.

### VALUE TO CUSTOMERS

- 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

### DIFFERENTIATION

- Choice of actuation, termination, and operating characteristics that can allow for flexibility in numerous types of applications
- With a broad current capacity, one switch package can control a wide range of electrical loads

### FEATURES

- Broad range of electrical loads:  
0.1 A, 5 A, 10 A, 16 A, 22 A, 26 A
- Long service life: over one million mechanical operations
- Gold contacts are also available for controlling logic level/low energy circuits
- World-wide package size acceptance
- UL/CSA, cUL, ENEC, and CQC approvals

### POTENTIAL APPLICATIONS

- Appliances
- Furnaces
- Gaming machines
- Ice makers
- Power washers
- Vending machines

### PORTFOLIO

Honeywell offers a broad range of MICRO SWITCH™ basic switches including large, V-Basic, miniature, watertight, and special application switches.

# MICRO SWITCH™ Standard Basic Switches, V15 Series

**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 (standard)<br>PET thermoplastic polyester (V15H high temperature, 150 °C [302 °F])                                                                                                                                                                                                                         |

**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<br>(ENEC only)                        |
| 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)

# MICRO SWITCH™ Standard Basic Switches, V15 Series

## V15S05 PRODUCT NOMENCLATURE

| 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                                                                                                                                                                                                                               |
|---------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>V15</b><br>V15 Series<br>Standard<br>Basic<br>Switch | <b>S</b> 85 °C [185 °F]<br>(for "05" and "11" ratings only) | <b>05</b> 0.1 A 48 Vdc/<br>125 Vac/250 Vac<br>5 A 125 Vac/250 Vac | <b>C</b> Quick connect<br>6.30 mm x 0.80 mm<br>(0.250 in x 0.032 in)<br><b>D</b> Quick connect<br>4.70 mm x 0.80 mm<br>(0.187 in x 0.032 in)<br><b>E</b> Quick connect<br>4.70 mm x 0.50 mm<br>(0.187 in x 0.020 in)<br><b>F</b> Screw terminal<br>w/ pressure plate<br><b>U</b> Push-in terminal<br>(used only in combination<br>with "S1") | <b>1</b> Flat<br><b>2</b> Fully flat | <b>Z</b> SPDT<br><b>P</b> SPST-NO<br><b>C</b> SPST-NC | <b>015</b> 15 gf; 0.15 N<br><b>025</b> 25 gf; 0.25 N<br><b>050</b> 50 gf; 0.49 N<br><b>100</b> 100 gf; 0.96 N<br><b>200</b> 200 gf; 1.96 N | <b>A</b> Pin plunger,<br>no lever<br>(blank)<br><b>A</b> Far from<br>pin plunger<br><b>B</b> Near pin<br>plunger | <b>01</b> No Lever<br>(blank)<br><b>01</b> Short<br>straight lever<br><b>02</b> Standard<br>straight lever<br><b>03</b> Long<br>straight lever<br><b>04</b> Simulated<br>roller lever<br><b>05</b> Roller lever<br><b>06</b> Long<br>roller lever<br><b>**</b> Special | <b>K</b> Metric<br>Ø 3.1 mm<br>(blank)<br><b>K</b> 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><b>A</b> Contact<br>gold-plated |

\* Type "11" rating only available with U terminal type and 200 gf operating force.  
\*\* Additional code assigned for specials

## V15T10 PRODUCT NOMENCLATURE

| 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                                                                                                                                                                                                                               |
|---------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>V15</b><br>V15 Series<br>Standard<br>Basic<br>Switch | <b>T</b> 125 °C [257 °F] | <b>10</b> 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 | <b>C</b> Quick connect<br>6.30 mm x 0.80 mm<br>(0.250 in x 0.032 in)<br><b>D</b> Quick connect<br>4.70 mm x 0.80 mm<br>(0.187 in x 0.032 in)<br><b>E</b> Quick connect<br>4.70 mm x 0.50 mm<br>(0.187 in x 0.020 in)<br><b>F</b> Screw terminal<br>w/ pressure plate | <b>1</b> Flat<br><b>2</b> Fully flat | <b>Z</b> SPDT<br><b>P</b> SPST-NO<br><b>C</b> SPST-NC | <b>050</b> 50 gf; 0.49 N<br><b>100</b> 100 gf; 0.96 N<br><b>200</b> 200 gf; 1.96 N | <b>A</b> Pin plunger,<br>no lever<br>(blank)<br><b>A</b> Far from<br>pin plunger<br><b>B</b> Near pin<br>plunger | <b>01</b> No Lever<br>(blank)<br><b>01</b> Short<br>straight lever<br><b>02</b> Standard<br>straight lever<br><b>03</b> Long<br>straight lever<br><b>04</b> Simulated<br>roller lever<br><b>05</b> Roller lever<br><b>06</b> Long<br>roller lever<br><b>**</b> Special | <b>K</b> Metric<br>Ø 3.1 mm<br>(blank)<br><b>K</b> 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><b>A</b> Contact<br>gold-plated |

\*\* Additional code assigned for specials

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

| 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                                                                                                                                                                                                                               |
|---------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>V15</b><br>V15 Series<br>Standard<br>Basic<br>Switch | <b>T</b> 125 °C [257 °F]<br><b>H</b> 150 °C [302 °F] | <b>10</b> 1 A 30 Vdc<br>10 A 1/2 HP 125/250 Vac<br>(at temperature grade only)<br><b>16</b> 16 A 125 Vac/250 Vac<br><b>22</b> 22 A 125 Vac/250 Vac<br><b>26</b> 0.02 A 250 Vac<br>26 A 250 Vac | <b>C</b> Quick connect<br>6.30 mm x 0.80 mm<br>(0.250 in x 0.032 in)<br><b>D</b> Quick connect<br>4.70 mm x 0.80 mm<br>(0.187 in x 0.032 in)<br><b>E</b> Quick connect<br>4.70 mm x 0.50 mm<br>(0.187 in x 0.020 in)<br><b>F</b> Screw terminal<br>w/ pressure plate<br><b>H</b> RAST-5 250#<br>connector<br><b>K</b> Slot hole,<br>solder terminal<br><b>L</b> Left side,<br>PCB terminal<br><b>M</b> Short sholder<br>terminal<br><b>N</b> RAST-7 250#<br>connector<br><b>P</b> Straight<br>PCB terminal<br><b>R</b> Right side,<br>PCB terminal<br><b>S</b> Solder<br>terminal<br><b>T</b> Screw<br>terminal<br><b>**</b> Special<br>terminal | <b>1</b> Flat<br><b>2</b> Fully flat | <b>Z</b> SPDT<br><b>P</b> SPST-NO<br><b>C</b> SPST-NC | <b>100</b> 100 gf; 0.96 N<br><b>200</b> 200 gf; 1.96 N<br><b>300</b> 300 gf; 2.84 N<br><b>400</b> 400 gf; 3.92 N | <b>A</b> Pin plunger,<br>no lever<br>(blank)<br><b>A</b> Far from<br>pin plunger<br><b>B</b> Near pin<br>plunger | <b>01</b> No Lever<br>(blank)<br><b>01</b> Short<br>straight lever<br><b>02</b> Standard<br>straight lever<br><b>03</b> Long<br>straight lever<br><b>04</b> Simulated<br>roller lever<br><b>05</b> Roller lever<br><b>06</b> Long<br>roller lever<br><b>**</b> Special | <b>K</b> Metric<br>Ø 3.1 mm<br>(blank)<br><b>K</b> 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><b>A</b> Contact<br>gold-plated |

<sup>a</sup> "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, 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. max.<br>g [oz] | R. F. max.<br>g [oz] | O.P.<br>nominal<br>mm [in] | P.T. max.<br>mm [in] | D.T. min.<br>mm [in] | O.T. max.<br>mm [in] | Mounting<br>holes |
|------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------|--------------------------------------|-----------------------|-----------|---------------------|----------------------|----------------------------|----------------------|----------------------|----------------------|-------------------|
|  <p>Pin Plunger</p> | <b>V15S05-CP100</b>   | 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            |
|                                                                                                      | <b>V15S05-CZ015</b>   | 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            |
|                                                                                                      | <b>V15S05-CZ100</b>   | 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            |
|                                                                                                      | <b>V15S05-EZ100-K</b> | 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               |
|                                                                                                      | <b>V15H10-CP100</b>   | 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            |
|                                                                                                      | <b>V15H10-CZ100</b>   | 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            |
|                                                                                                      | <b>V15H10-EZ100</b>   | 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            |
|                                                                                                      | <b>V15T10-CZ100</b>   | 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            |
|                                                                                                      | <b>V15T16-CP100</b>   | 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            |
|                                                                                                      | <b>V15T16-CZ100-K</b> | 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               |
|                                                                                                      | <b>V15T16-EZ100-K</b> | 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               |
|                                                                                                      | <b>V15H16-CZ100</b>   | 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            |
|                                                                                                      | <b>V15H16-EZ100</b>   | 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            |
|                                                                                                      | <b>V15T22-CP100-K</b> | 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               |
|                                                                                                      | <b>V15T22-CZ100-K</b> | 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               |
|                                                                                                      | <b>V15H22-CP100</b>   | 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            |
|                                                                                                      | <b>V15H22-CZ100</b>   | 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            |
|                                                                                                      | <b>V15T26-CP200-K</b> | ---<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               |
|                                                                                                      | <b>V15T26-CZ200</b>   | ---<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            |

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## 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. max.<br>g [oz] | R. F. max.<br>g [oz] | O.P.<br>nominal<br>mm [in] | P.T. max.<br>mm [in] | D.T. min.<br>mm [in] | O.T. max.<br>mm [in] | Mounting<br>holes |
|----------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------|--------------------------------------|-----------------------|-----------|---------------------|----------------------|----------------------------|----------------------|----------------------|----------------------|-------------------|
|  <p>Short<br/>Straight<br/>Lever</p>      | V15H10-EZ200B01    | 10 A<br>(---)                    | H10                                  | 150 °C                | SPDT      | 140 [4.94]          | 20<br>[0.71]         | 15,3<br>[0.60]             | 2,4<br>[0.09]        | 0,6<br>[0.023]       | 1,2<br>[0.05]        | Metric            |
|                                                                                                                            | V15T10-CZ100A01    | 11 A<br>(10 A)                   | T10                                  | 125 °C                | SPDT      | 100 [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 [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 [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 [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 [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 [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>Standard<br/>Straight<br/>Lever</p> | V15S05-CZ025B02    | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPDT      | 10<br>[0.35]        | 2 [0.07]             | 15,3<br>[0.60]             | 6,0<br>[0.24]        | 1,65<br>[0.064]      | 2,2<br>[0.086]       | Metric            |
|                                                                                                                            | V15S05-EZ025A02    | 5 A<br>(5 A)                     | 05                                   | 85 °C                 | SPDT      | 15<br>[0.53]        | 2 [0.07]             | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15H10-CC200A02    | 10 A<br>(---)                    | H10                                  | 150 °C                | SPNC      | 120<br>[4.23]       | 20<br>[0.71]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15T10-CZ050A02    | 11 A<br>(10 A)                   | T10                                  | 125 °C                | SPDT      | 30<br>[1.06]        | 5<br>[0.18]          | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15H16-CP100A02    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPNO      | 60<br>[2.12]        | 10<br>[0.35]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15H16-CZ100A02    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 60<br>[2.12]        | 10<br>[0.35]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15H16-CZ200A02    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 120<br>[4.23]       | 20<br>[0.71]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15H16-EP400A02-K  | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPNO      | 240<br>[8.47]       | 40<br>[1.41]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | USA               |
|                                                                                                                            | V15H16-EZ200B02    | 16 A<br>(16 A)                   | 16                                   | 150 °C                | SPDT      | 80<br>[2.82]        | 16<br>[0.56]         | 15,3<br>[0.60]             | 6,0<br>[0.24]        | 1,65<br>[0.064]      | 2,2<br>[0.09]        | Metric            |
|                                                                                                                            | V15T16-CP300A02    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPNO      | 180<br>[6.35]       | 30<br>[1.06]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15T16-CZ100A02    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 60<br>[2.12]        | 10<br>[0.35]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15T16-DZ100A02    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 60<br>[2.12]        | 10<br>[0.35]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15T16-MZ200A02    | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 120<br>[4.23]       | 20<br>[0.71]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15T22-CZ300A02    | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPDT      | 180<br>[6.35]       | 30<br>[1.06]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15H22-CP100A02    | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPNO      | 60<br>[2.12]        | 10<br>[0.35]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15H22-CZ100A02    | 22 A<br>(22 A)                   | 22                                   | 150 °C                | SPDT      | 60<br>[2.12]        | 10<br>[0.35]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |
|                                                                                                                            | V15T22-KC200A02    | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPNC      | 120<br>[4.23]       | 20<br>[0.71]         | 15,3<br>[0.60]             | 3,2<br>[0.126]       | 1,2<br>[0.047]       | 1,3<br>[0.051]       | Metric            |

# MICRO SWITCH™ Standard Basic Switches, 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. max.<br>g [oz] | R. F. max.<br>g [oz] | O.P.<br>nominal<br>mm [in] | P.T. max.<br>mm [in] | D.T. min.<br>mm [in] | O.T. max.<br>mm [in] | Mounting<br>holes |
|----------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|--------------------------------------|-----------------------|-----------|---------------------|----------------------|----------------------------|----------------------|----------------------|----------------------|-------------------|
|  <p>Long<br/>Straight<br/>Lever</p> | V15H10-FP200A03   | 10 A<br>(---)                    | H10                                  | 150 °C                | SPNO      | 60<br>[2.12]        | 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      | 60<br>[2.12]        | 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      | 30<br>[1.06]        | 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      | 90<br>[3.17]        | 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      | 30<br>[1.06]        | 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      | 30<br>[1.06]        | 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      | 60<br>[2.12]        | 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      | 32<br>[1.13]        | 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      | 90<br>[3.17]        | 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      | 30<br>[1.06]        | 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      | 60<br>[2.12]        | 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      | 80<br>[2.82]        | 15<br>[0.53]         | 18,5<br>[0.73]             | 6,0<br>[0.24]        | 1,65<br>[0.064]      | 2,2<br>[0.09]        | Metric            |
|                                                                                                                      | V15H16-CZ300A04   | 16A<br>(16A)                     | 16                                   | 150 °C                | SPDT      | 180<br>[6.35]       | 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      | 60<br>[2.12]        | 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      | 60<br>[2.12]        | 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      | 120<br>[4.23]       | 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      | 80<br>[2.82]        | 15<br>[0.53]         | 18,5<br>[0.73]             | 6,0<br>[0.24]        | 1,65<br>[0.064]      | 2,2<br>[0.09]        | USA               |
|                                                                                                                      | V15T22-CP200A04   | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPNO      | 120<br>[4.23]       | 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      | 180<br>[6.35]       | 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      | 120<br>[4.23]       | 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      | 120<br>[4.23]       | 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      | 180<br>[6.35]       | 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, V15 Series

## PRODUCT SPECIFICATIONS AND LISTINGS

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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. max.<br>g [oz] | R. F. max.<br>g [oz] | O.P.<br>nominal<br>mm [in] | P.T. max.<br>mm [in] | D.T. min.<br>mm [in] | O.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      | 60<br>[2.12]        | 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      | 120<br>[4.23]       | 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      | 240<br>[8.47]       | 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      | 120<br>[4.23]       | 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      | 120<br>[4.23]       | 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      | 240<br>[8.47]       | 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      | 120<br>[4.23]       | 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      | 120<br>[4.23]       | 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      | 120<br>[4.23]       | 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-EZ2200A05 | 16 A<br>(16 A)                   | 16                                   | 125 °C                | SPDT      | 240<br>[8.47]       | 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      | 240<br>[8.47]       | 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      | 120<br>[4.23]       | 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      | 240<br>[8.47]       | 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      | 120<br>[4.23]       | 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      | 240<br>[8.47]       | 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            |

# MICRO SWITCH™ Standard Basic Switches, V15 Series

## PRODUCT SPECIFICATIONS AND LISTINGS

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O.F. • Operating force  
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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. max.<br>g [oz] | R. F. max.<br>g [oz] | O.P.<br>nominal<br>mm [in] | P.T. max.<br>mm [in] | D.T. min.<br>mm [in] | O.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      | 120<br>[4.23]       | 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      | 35<br>[1.23]        | 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      | 120<br>[4.23]       | 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      | 60<br>[2.12]        | 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      | 80<br>[2.82]        | 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      | 120<br>[4.23]       | 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      | 60<br>[2.12]        | 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      | 60<br>[2.12]        | 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      | 60<br>[2.12]        | 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      | 120<br>[4.23]       | 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      | 60<br>[2.12]        | 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>V15T22-CZ200A06</b>   | 22 A<br>(22 A)                   | 22                                   | 125 °C                | SPDT      | 120<br>[4.23]       | 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            |

# MICRO SWITCH™ Standard Basic Switches, V15 Series

## MOUNTING DIMENSIONS

Figure 1. V15 Series Standard Switch Dimensions

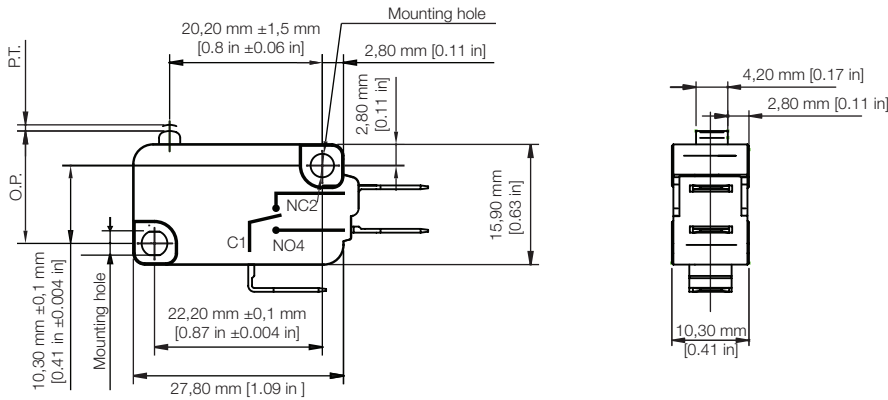


Figure 2. V15 Series Metric Mounting Hole Dimensions for Ø 3 mm pins or screws

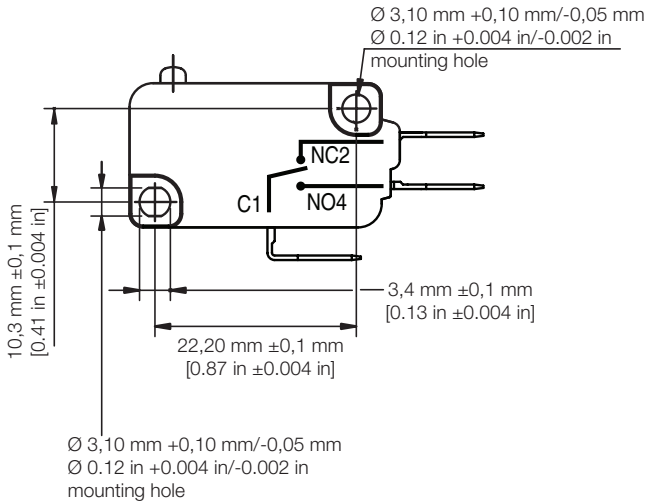


Figure 3. V15 Series USA Mounting Hole Dimensions for #4 screws

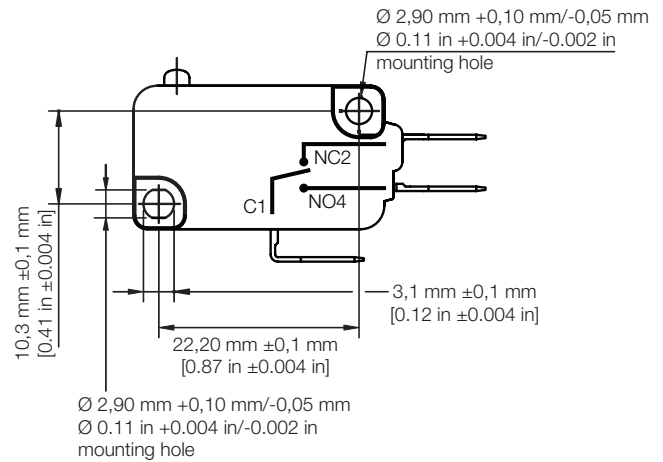


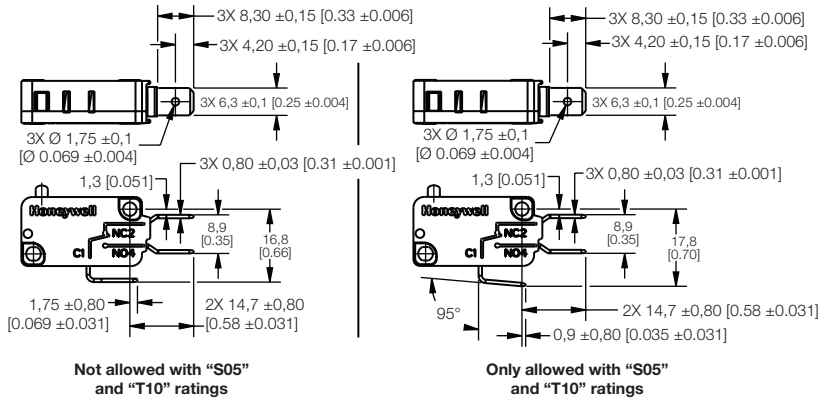
Figure 4. V15 Series Housing Dimensions

| Basic Housing Type       | Flat Housing Type        | Fully Flat Housing Type |
|--------------------------|--------------------------|-------------------------|
| <p>1,9 mm [0.075 in]</p> | <p>1,0 mm [0.039 in]</p> |                         |

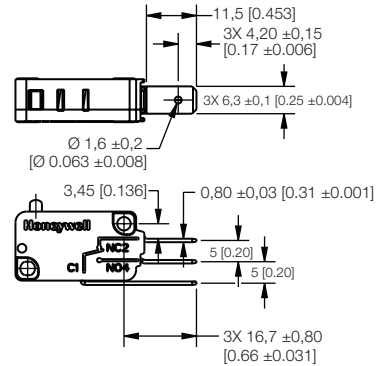
# MICRO SWITCH™ Standard Basic Switches, V15 Series

## CONNECTION DIMENSIONS

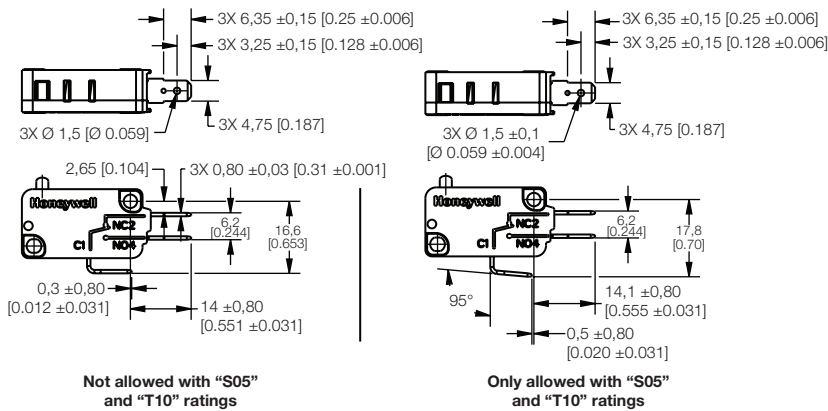
**Figure 5. V15 Series C-style Quick Connect • 6,35 mm wide x 0,8 mm thick [0.25 in wide x 0.031 in thick]**



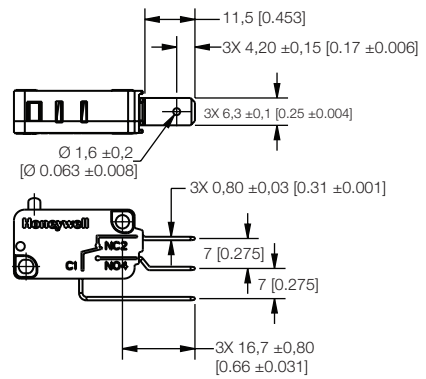
**Figure 6. V15 Series H-style RAST-5 250# Connector**



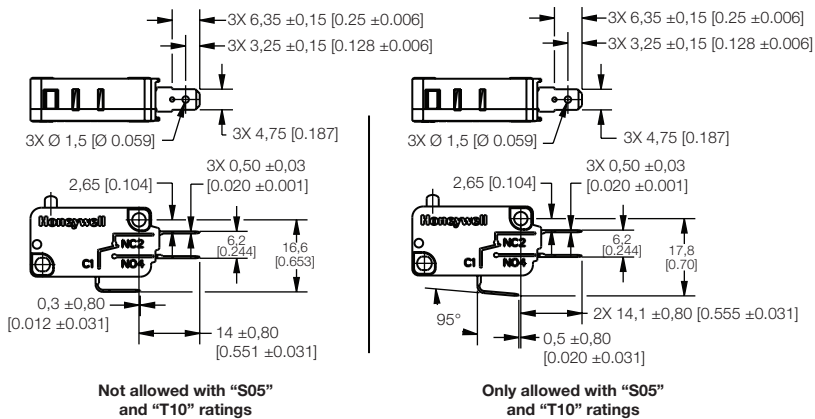
**Figure 7. V15 Series D-style Quick Connect • 4,80 mm wide x 0,8 mm thick [0.189 in wide x 0.031 in thick]**



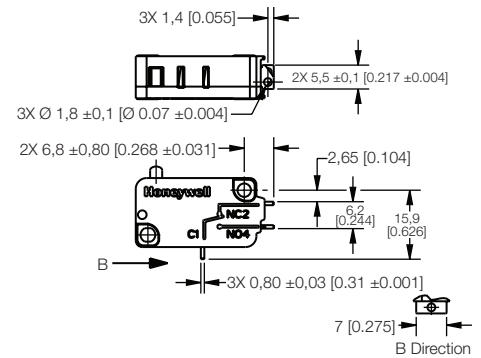
**Figure 8. V15 Series N-style RAST-7 250# Connector**



**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]**



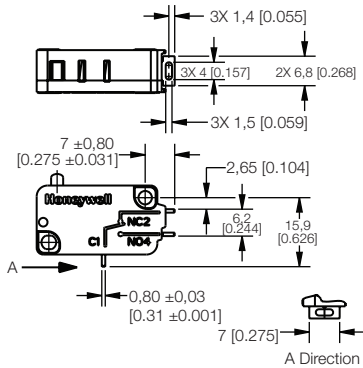
**Figure 10. V15 Series M-style Short Solder Terminal**



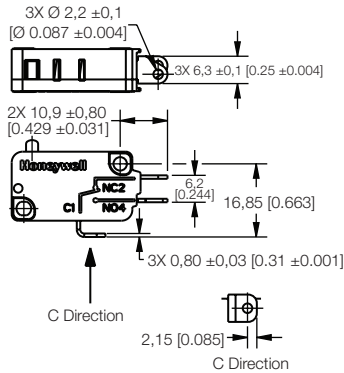
# MICRO SWITCH™ Standard Basic Switches, V15 Series

## CONNECTION DIMENSIONS

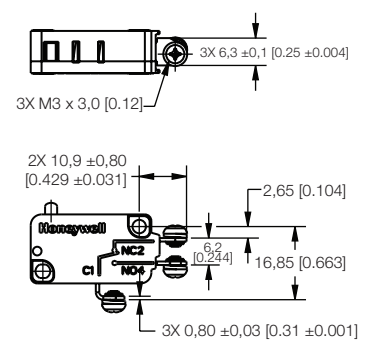
**Figure 11. V15 Series K-style Slot-Hole Solder Terminal**



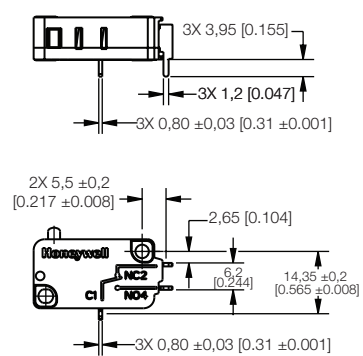
**Figure 12. V15 Series S-style Solder Terminal**



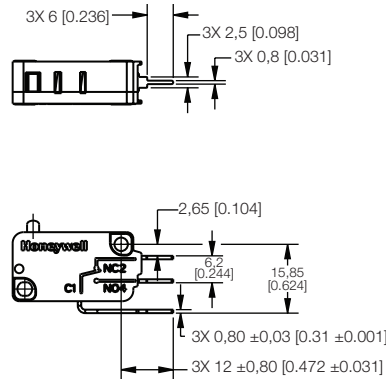
**Figure 13. V15 Series T-style Screw Terminal**



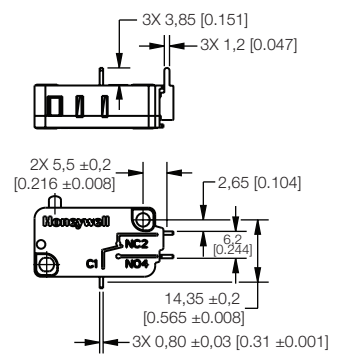
**Figure 14. V15 Series L-style Left-Side PCB Terminal**



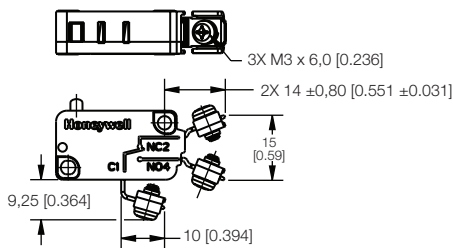
**Figure 15. V15 Series P-style Straight PCB Terminal**



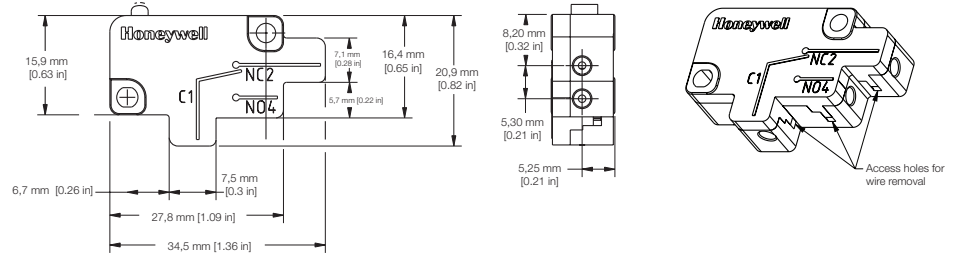
**Figure 16. V15 Series R-style Right-Side PCB Terminal**



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



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



# MICRO SWITCH™ Standard Basic Switches, V15 Series

## STANDARD LEVER OPTIONS • DIMENSIONS

Figure 19. V15 Series A01/Straight Short Lever

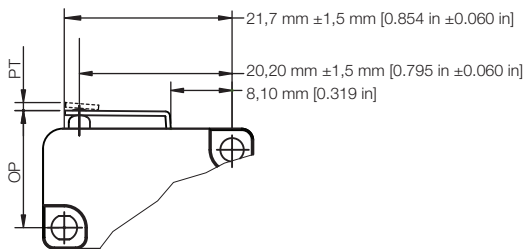


Figure 20. V15 Series A02/Standard Straight Lever

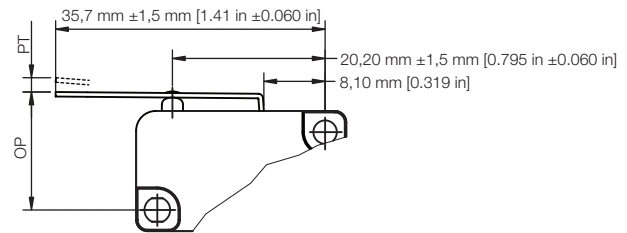


Figure 21. V15 Series A03/Long Straight Lever

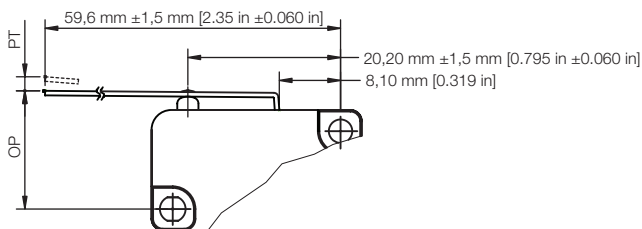


Figure 22. V15 Series A04/Simulated Roller Lever

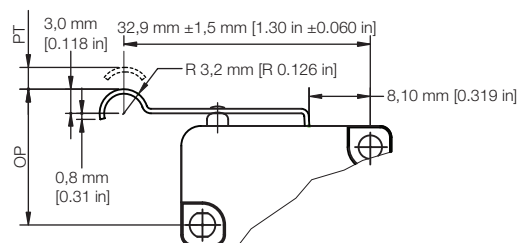


Figure 23. V15 Series A05/Short Roller Lever

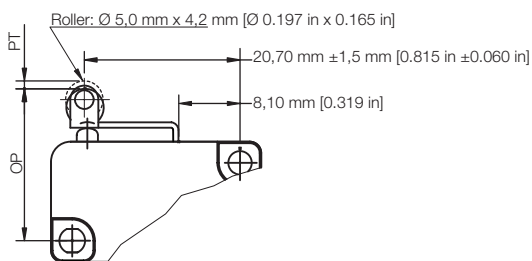
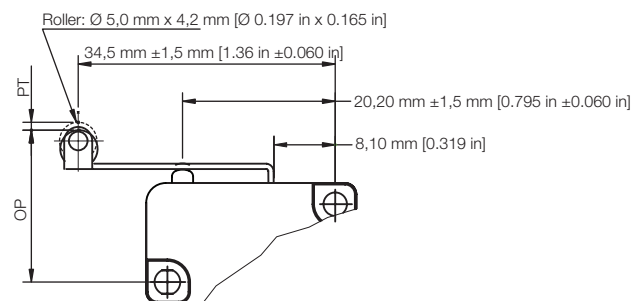
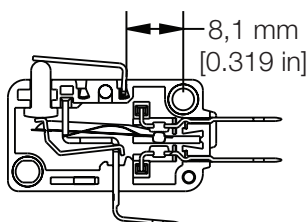


Figure 24. V15 Series A06/Roller Lever

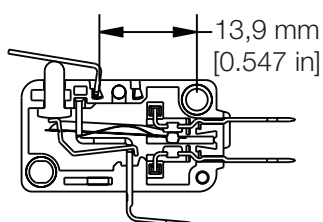


NOTE: These dimensions apply for the "A" lever position. For the "B" lever position, please add 5,7 mm [0.224 in].

### Position A



### Position B



## ADDITIONAL MATERIALS

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

- Installation instructions
- Product part listing/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

### Find out more

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To learn more about Honeywell's sensing and control products, call **+1-815-235-6847** or **1-800-537-6945**, visit **[sensing.honeywell.com](http://sensing.honeywell.com)**, or e-mail inquiries to **[info.sc@honeywell.com](mailto:info.sc@honeywell.com)**

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

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- 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.**

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