

# MICRO SWITCH™ ZW Series Subminiature Switch

## Product Nomenclature



For example, a **ZW50F15AD1** part number would define a MICRO SWITCH™ ZW Series pin plunger subminiature switch rated at 6 A SPDT, 203 g max. operating force, solder terminals, and IP00 sealing.



ZW	50	F	15	A	D	1	—
Switch Type	Current Rating	Operating Force <sup>4</sup> (at pin plunger)	Terminal Type	Actuator Type <sup>3</sup> (Levers Mounted Internally)	Construction	Circuitry	Special Designator <sup>3</sup>
ZW Series Sealed Subminiature Basic Switch	<b>10</b> 0.1A 125/250 Vac (Gold-plated contacts)	<b>E</b> 150 g max.	<b>15</b> Solder	<b>A</b> Pin plunger	<b>D</b> IP00 Dust tight	<b>1</b> SPDT	A special designator is used to indicate a non-standard feature, such as a special actuator, wire color, wire length, connector, etc. This code consists of up to three alphanumeric characters.
	<b>50</b> 6A: 125/250 Vac (Silver contacts) <b>ONLY</b>	<b>F</b> 203 g max.	<b>20</b> PCB, straight	<b>B</b> Short straight lever (17,4 mm)	<b>W</b> IP67 Water tight	<b>3</b> SPNO <sup>2</sup>	
			<b>70</b> Long solder 2,8 mm x 0,5 mm [0.11 in x 0.02 in]	<b>C</b> Standard straight lever (19,4 mm)		<b>4</b> SPNC <sup>2</sup>	
			<b>90</b> Cable, bottom exit (500 mm) (UL10007 Dia 1.0) <sup>4,5</sup>	<b>D</b> Long straight lever (25,5 mm)			
			<b>91</b> Cable, side exit (Opposite plunger) (500 mm) (UL1007 Dia) <sup>4,5</sup>	<b>E</b> Simulated roller lever (18,7 mm; R 3,4 mm)			
			<b>92</b> Cable, side exit (Plunger end) (500 mm) (UL1007 Dia) <sup>4,5</sup>	<b>F</b> Roller lever (17,2 mm; Ø 4,8 mm)			
			<b>99</b> SPECIAL <sup>3</sup>	<b>H</b> Small simulated roller lever (18,6 mm; R1,3 mm)			
			<b>J</b> Long straight lever (55,9 mm)				
			<b>S</b> SPECIAL Lever <sup>2</sup>				

### NOTES:

<sup>1</sup> Not all combinations of model code are available. Please contact your Honeywell provider/representative for assistance.

<sup>2</sup> Termination style "99" and/or Actuator Type "S" designates a special and therefore requires a special designator letter at the end of the listing

<sup>3</sup> Lever length is measured as follows: Straight lever - from center line of the pivot to the end of the lever;  
Roller and simulated roller lever - from the center line of the pivot to the center of the roller diameter.  
See page 8 of the product sheet for more details.

<sup>4</sup> Standard wire length is 500 mm [19.68 in] long. Other lengths are available upon request. Lead wire with end stripped 3,0 mm [0.118 in] and pre-tinned.  
COM: black; NC: gray; NO: blue

<sup>5</sup> Standard lead wire is UL1007 20 AWG cable. Other lead wire types, such as UL1015, UL1430, UL1061, and AVSS are available upon request.