

MICRO SWITCH™ ZM1 Series Subminiature Switch

Product Nomenclature

Honeywell

For example, a **ZM150C10A01** part number would define a MICRO SWITCH™ ZM1 Series pin plunger subminiature switch rated at 5 A, SPDT, 150 g max. operating force, and straight solder terminals



ZM1
Switch Type
ZM1 Series
Subminiature
Basic
Switch

	50 Current Rating	C Operating Force (at pin plunger)
10	0.1 A 125 Vac/ 250 Vac ³	B 70 g max. D 95 g max. C 150 g max.
15 ⁶		
50	3 A; 125 Vac/ 250 Vac ³	B 70 g max. D 95 g max. C 150 g max.
55 ⁶		
60	6 A; 125 Vac/ 250 Vac ³	B 70 g max. D 95 g max. C 150 g max.
90	10.1 A; 125 Vac/ 250 Vac ⁴	C 150 g max. G 355 g max.
95	16.1 A; 125 Vac/ 250 Vac ⁵	G 355 g max.

10	Terminal Type
10	Solder, straight
20	PCB, straight
50	PCB, right angle
60	PCB, left angle
70	Quick connect 0.110 in
99	SPECIAL ²

A	Actuator Type
A	Pin plunger
B	Short straight lever, 16,7 mm [0.66 in] length
C	Standard straight lever, 18,7 mm [0.74 in] length
D	Long straight lever, 24,8 mm [0.98 in] length
E	Std sim. roller lever, 18,0 mm [0.71 in] length R 2,75 mm
F	Roller lever, 16,6 mm [0.65 in] length Ø4,8 mm roller
H	Small sim. roller lever, 17,9 mm [0.70 in] length R 1,3 mm
J	Extended straight lever, 55,2 mm [2.17 in] length
K	Straight lever, 35,2 mm [1.39 in] length
L	L-shaped lever, 31,5 mm [1.24 in] length
M	Large sim. roller lever, 21,1 mm [0.83 in] length R 2,45 mm
S	SPECIAL lever ²

01	Circuitry
01	SPDT
03	SPST-NO
04	SPST-NC

— Special Designator²
A special designator character(s) is used when there is a special modification to the switch. A special designator is required when Terminal Type is "99" or Actuator Type is "S".
G - Gold plated contacts⁶

NOTES:

- ¹ Nomenclature is for identification purposes only; not all combinations of model code are available. Please contact your Honeywell representative or distributor for assistance.
- ² Terminal Type "99" or Actuator Type "S" designates a special and therefore requires a special designator character(s) at the end of the listing.
- ³ Switches with a 0.1 A, 3 A, or 6 A current rating may have an operating force choice of B (70 g max.), C (150 g max.), or D (95 g max.).
- ⁴ Switches with a 10.1 A current rating may only have an operating force of either "C" (150 g max.) or "G" (355 g max.).
- ⁵ Switches with a 16.1 A current rating may only have an operating force of "G" (355 g max.).
- ⁶ Gold-plated contacts only available with "15" and "55" current rating options.