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Representative photograph, actual product appearance may vary.

Due to regional agency approval requirements, some products may not be available in your area. Please contact your regional Honeywell office regarding your product of choice.

ZM90G60E01

ZM Series, Subminiature Basic Switch, SPDT, 125/250 Vac, 10.1 A, Simulated Roller Lever Actuator, PCB Left Angle Termination

Features

- Subminiature: 10,6 mm H x 6,4 mm W x 19,8 mm L [0.42 in H x 0.25 in W x 0.78 in L]
- Choice of low energy or power duty electrical ratings (gold - plated or silver contacts)
- Single pole double throw (SPDT) circuitry or single pole single throw (SPST) circuitry available
- Choice of 0.1 A, 5 A or 10.1 A ratings
- Choice of actuation, termination and operating characteristics
- Polyamide (nylon) housing material

Typical Applications

- Appliances
- Vending machines
- Timing devices
- Office equipment
- Computer/business equipment
- Test instruments
- Medical/dental equipment
- Communications equipment
- HVAC equipment
- Manually operated devices
- Valves

Description

ZM Series Subminiature Basic Switches are used for simple or precision ON/OFF application needs. These switches combine small size and light weight with ample electrical capacity, low cost and long life.

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Product Specifications	
Switch Type	Subminiature 10,6 mm H x 6,4 mm W x 19,8 mm L [0.42 in H x 0.25 in W x 0.78 in L]
Sealed	No
Ampere Rating	10.1 A
Circuitry	Single Pole Double Throw (SPDT)
Actuator	Simulated Roller Lever
Termination	PCB Left Angle
Operating Temperature Range	- 25 °C to 85 °C [- 13 °C to 185 °C]
Voltage	125/250 Vac
Approvals	CE, CSA, UL
Actuator Length	18,0 mm [0.71 in]
Contact Type	Silver
Operating Force (O.F.)	0,55 N [2.16 oz] max.
Release Force (R.F.)	0,13 N [0.47 oz] min.
Pretravel (P.T.)	5,2 mm [0.205 in] max.
Overtravel (O.T.)	0,6 mm [0.024 in] min.
Differential Travel (D.T.)	0,9 mm [0.035 in] max.
Operating Position (O.P.)	15,1 mm ± 1,5 mm [0.591 in ± 0.059 in]
Free Position (F.P.)	21,8 mm [0.859 in] max.
Housing Material	Polyamide (Nylon)
Humidity	Max. 85% RH at 40 °C [104 ° F]
High Temperature	85 °C [185 °F]
Mechanical Service Life	Min. 5,000,000 operations
Dielectric Strength	1,000 Vac (50 Hz to 60 Hz) between contacts, between terminals and ground, for one minute
Electrical Service Life	Min. 6,000 operations on resistive load current 10.1 A at 125/250 Vac
Electrical Operating Frequency	Max. 10 operations per minute
CE mark	61058 - 1
UL File #	E12252
CSA File #	212438
Agency Approvals and Standards	1054
Mounting Screw Size	2,3 mm [0.091 in] Flat fillister head
Mounting Centers	9,5 mm [0.37 in]
Maximum Tightening Torque	0,31 N m [2.7 in lb]
Availability	Global
UNSPSC Code	30211905
UNSPSC Commodity	30211905 Snap switches
Prod Code (Stock No.)	FBY0010
Series Name	ZM Series

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ZM Series, Subminiature Basic Switch, SPDT, 125/250 Vac, 10.1 A, Simulated Roller Lever Actuator, PCB Left Angle Termination

⚠ 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 (or catalog) is for reference only. DO NOT USE this document as product installation information.
- 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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