

## Interactive Catalog Replaces Catalog Pages

Honeywell Sensing and Control has replaced the PDF product catalog with the new **Interactive Catalog**. The **Interactive Catalog** is a power search tool that makes it easier to find product information. It includes more installation, application, and technical information than ever before.



**Click this icon to try the new  
Interactive Catalog.**

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### **Sensing and Control**

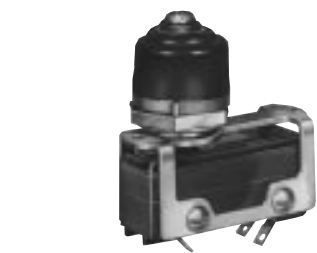
Honeywell Inc.

11 West Spring Street

Freeport, Illinois 61032

# Basic Switches

## Auxiliary Actuators Standard Basic



### FEATURES

- Additional overtravel
- Quick, easy installation
- Corrosion resistance
- MIL-S-8805 listed units

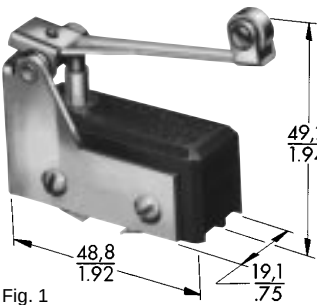
**NOTE:** Switches shown are not included with the actuator. All actuators are for use with pin plunger types only except catalog listing JR.

### GENERAL INFORMATION

Auxiliary actuators adapt the plunger-type standard basic switches to many application needs. Auxiliary actuators minimize the need for a large inventory of switch types. Actuators and switches are sold as separate items and must be ordered separately. Mounting hardware is furnished with the actuator.

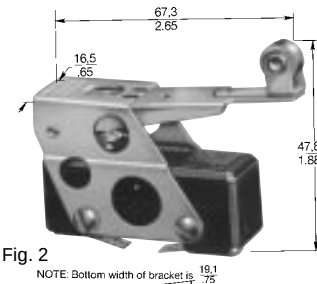
### Characteristics:

O.T. — Overtravel;  
O.P. — Operating Position;  
F.P. — Free Position.

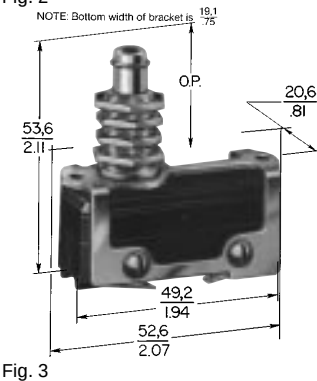


### ORDER GUIDE

| Description                                                                       | Catalog Listing | Use Only With | O.T. min.<br>mm<br>inches | O.P.*<br>mm<br>inches   | F.P. max.<br>mm<br>inches |
|-----------------------------------------------------------------------------------|-----------------|---------------|---------------------------|-------------------------|---------------------------|
| Roller lever for "S" plunger type BZ and DT switches only. Permits cam operation. | JR              | BZ<br>DT      | 11.1<br>.437              | 44,45±3,18<br>1.75±.125 |                           |



|                                                                                      |                                  |          |                         |                           |                        |
|--------------------------------------------------------------------------------------|----------------------------------|----------|-------------------------|---------------------------|------------------------|
| Adjustable roller lever. Tang on top of actuator can be bent to adjust O.P. and F.P. | AD5721R<br>(8805/59)<br>AN3169-1 | BZ<br>BM | 11,1<br>.437<br>approx. | 31,75-41,15<br>1.25-1.62  | 39,6-43,7<br>1.56-1.72 |
|                                                                                      | ADA3721R                         | BA<br>BE | 9,53<br>.375<br>approx. | 40,48<br>1.594<br>approx. | 43,03<br>1.812         |
|                                                                                      | ADD3721R                         | DT<br>MT | 9,53<br>.375<br>approx. | 39,6<br>1.562<br>approx.  | 46,03<br>1.812         |



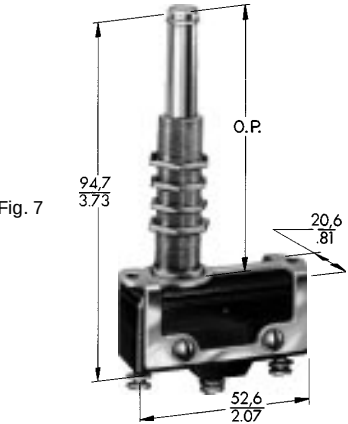
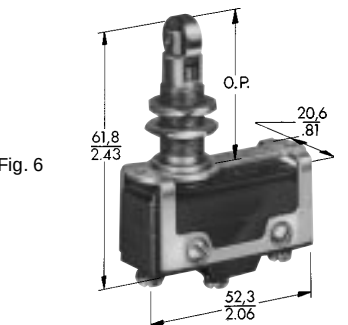
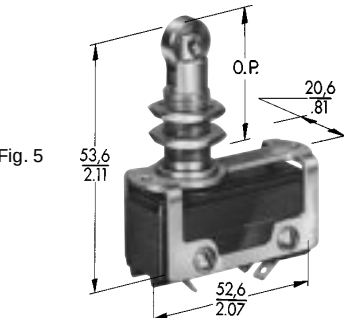
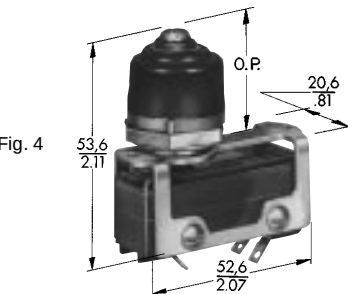
|                                |                                 |          |              |                |                |
|--------------------------------|---------------------------------|----------|--------------|----------------|----------------|
| Straight plunger. Panel mount. | MC2711<br>(8805/59)<br>AN3168-2 | BZ<br>BM | 4,78<br>.188 | 27,79<br>.188  | 29,4<br>1.156  |
|                                | MCA2711                         | BA<br>BE | 3,96<br>.156 | 28,17<br>1.109 | 30,18<br>1.188 |
|                                | MCD2711                         | DT<br>MT | 3,58<br>.141 | 27,79<br>1.094 | 30,18<br>1.188 |

Dimensions shown are for reference only.

Except where stated \* ±1,14 mm  
±.045 in.

# Basic Switches

## Auxiliary Actuators Standard Basics



### ORDER GUIDE

| Description                                                                                                           | Catalog Listing | Use Only With | O.T. min.<br>mm<br>Inches | O.P.*<br>mm<br>Inches           | F.P. max.<br>mm<br>Inches |
|-----------------------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------------------|---------------------------------|---------------------------|
| Sealed straight plunger.<br>Panel mount. Elastomer seal boot keeps out liquid splash and dirt. Furnished unassembled. | <b>MC2711H</b>  | BZ<br>BM      | 4,78<br><b>.188</b>       | 28,98<br><b>1.141</b>           | 29,4<br><b>1.156</b>      |
|                                                                                                                       | <b>MCA2711H</b> | BA<br>BE      | 4,37<br><b>.172</b>       | 27,38±0,76<br><b>1.078±.030</b> | 29,56<br><b>1.156</b>     |
|                                                                                                                       | <b>MCD2711H</b> | DT<br>MT      | 3,58<br><b>.141</b>       | 27,79<br><b>1.094</b>           | 30,18<br><b>1.188</b>     |

|                                                                             |                 |          |                                |                       |                       |
|-----------------------------------------------------------------------------|-----------------|----------|--------------------------------|-----------------------|-----------------------|
| Roller plunger. Panel mount.<br>Roller parallel to long axis of the switch. | <b>MD3211Q</b>  | BZ<br>BM | 3,18<br><b>.125</b><br>approx. | 35,7<br><b>1.406</b>  | 37,69<br><b>1.484</b> |
|                                                                             | <b>MDA3711Q</b> | BA<br>BE | 3,18<br><b>.125</b>            | 36,12<br><b>1.422</b> | 37,69<br><b>1.484</b> |
|                                                                             | <b>MD3211Q</b>  | DT<br>MT | 3,18<br><b>.125</b>            | 35,7<br><b>1.406</b>  | 37,69<br><b>1.484</b> |

|                                                                                        |                  |          |                                |                       |                       |
|----------------------------------------------------------------------------------------|------------------|----------|--------------------------------|-----------------------|-----------------------|
| Cross roller plunger. Panel mount.<br>Roller perpendicular to long axis of the switch. | <b>MD3211Q1</b>  | BZ<br>BM | 3,18<br><b>.125</b><br>approx. | 35,7<br><b>1.406</b>  | 37,69<br><b>1.484</b> |
|                                                                                        | <b>MDA3711Q1</b> | BA<br>BE | 3,18<br><b>.125</b>            | 36,12<br><b>1.422</b> | 37,69<br><b>1.484</b> |
|                                                                                        | <b>MD3211Q1</b>  | DT<br>MT | 3,18<br><b>.125</b>            | 35,7<br><b>1.406</b>  | 37,69<br><b>1.484</b> |

|                                          |                                  |          |                      |                       |                       |
|------------------------------------------|----------------------------------|----------|----------------------|-----------------------|-----------------------|
| High overtravel plunger.<br>Panel mount. | <b>MC7711 (8805/58) AN3167-1</b> | BZ<br>BM | 20,62<br><b>.812</b> | 69,1<br><b>2.719</b>  | 70,64<br><b>2.781</b> |
|                                          | <b>MCA7711</b>                   | BA<br>BE | 19,84<br><b>.781</b> | 69,44<br><b>2.734</b> | 71,42<br><b>2.812</b> |
|                                          | <b>MCD7711</b>                   | DT<br>MT | 18,26<br><b>.719</b> | 69,1<br><b>2.719</b>  | 71,42<br><b>2.812</b> |

Except where stated\* ±1,14 mm  
±.045 in.

Standard  
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