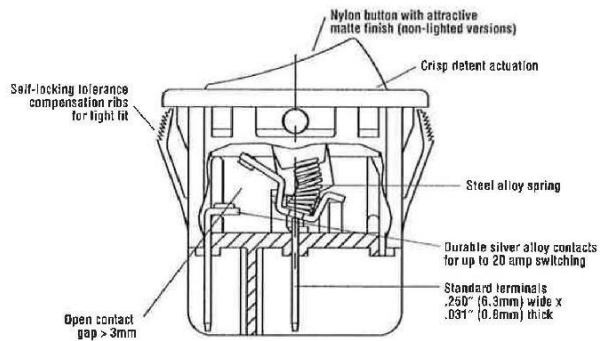


Double-Pole Rocker Switch

# YR Series



Features

- High current rating to 20 amps
- Lighted and non-lighted
- Maintained action and momentary
- Mechanical life: min. 50,000 operations

| Electrical Ratings |                                                |                                                 |                                       |                                      |
|--------------------|------------------------------------------------|-------------------------------------------------|---------------------------------------|--------------------------------------|
| Switch Series      | EN61058 Rating                                 | UL1054 Rating                                   | Electrical Life at Rated Load         |                                      |
|                    |                                                |                                                 | According to VDE<br>(Min. Operations) | According to UL<br>(Min. Operations) |
| YRM                | 16(4)A 250V ~ T125/55<br>16(8)A 250V ~ T125/55 | 20A, 125VAC;<br>16A 125/250VAC; ¾ HP 125/250VAC | 10,000                                | 6,000                                |

| Electrical Specifications   |                                                                                                                | Material Specifications |                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------|
| Ratings:                    | 20A 125VAC;<br>16A 125/250VAC, ¾ HP 125/250VAC cULus<br>16(4)A 250V ~ T125/55 VDE<br>16(8)A 250V ~ T125/55 VDE | Actuator (non-lighted): | Nylon 66 94V-2             |
|                             |                                                                                                                | (lighted):              | Polycarbonate              |
| Dielectric Strength:        | 1000VAC for 1 minute                                                                                           | Base:                   | Nylon 66 94V-2             |
| Insulation Resistance:      | 10 <sup>8</sup> ohms min at 500VDC                                                                             | Spring:                 | Steel Wire                 |
| Initial Contact Resistance: | 0.020 ohms max                                                                                                 | Contacts:               | Silver Alloy               |
| Temperature Range:          | 0°C to + 105°C UL                                                                                              | Movable Arm:            | Silver-Plated Copper Alloy |
|                             |                                                                                                                | Terminals:              | Tin-Plated Copper Alloy    |

RoHS Compliant  
UL File No: E23301

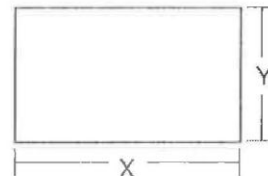
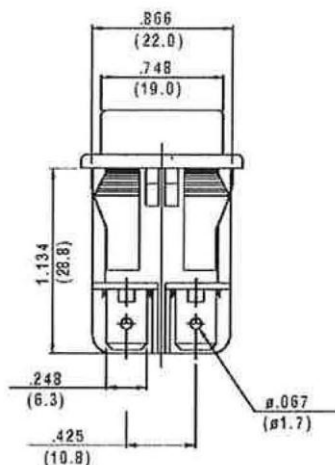
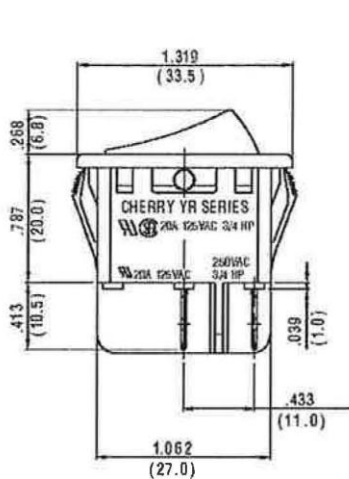
Specifications subject to change without notice.



## Double-Pole Rocker Switch

# YR Series

**Dimensions** inches (mm)



Z = Panel Thickness

### Recommended Panel Cut-Out Dimensions

| Dim. Z                           | Dim. X           | Dim. Y          |
|----------------------------------|------------------|-----------------|
| 0.030 to 0.049<br>(0.75 to 1.25) | 1.181<br>(30.00) | 0.866<br>(22.0) |
| 0.049 to 0.079<br>(1.25 to 2.00) | 1.189<br>(30.2)  | 0.866<br>(22.0) |
| 0.079 to 0.118<br>(2.00 to 3.00) | 1.201<br>(30.5)  | 0.866<br>(22.0) |

## Ordering Information

|        |                                                                                                    |                     |
|--------|----------------------------------------------------------------------------------------------------|---------------------|
| YR     | M                                                                                                  | 3                   |
| Series |                                                                                                    | Code    Circuitry   |
|        |                                                                                                    | 2       Single Pole |
|        |                                                                                                    | 3       Double Pole |
| Code   | Contact Rating                                                                                     |                     |
| M      | 16A 125/250VAC 3/4 HP 20A 125VAC cULus<br>16(4) A 250V ~ T125/65 VDE<br>16(8) A 250V ~ T125/65 VDE |                     |

Note: 10(2)A 250V~ 50E3 T125  
special order

| 2 | Code | Switch Function |
|---|------|-----------------|
|   | 2    | On - Off        |
|   | 3    | On - On         |
|   | 5    | (On) - Off      |
|   | 6    | (On) - On       |

| Code | Terminal type inches (mm) |
|------|---------------------------|
| A    | 0.189" (4.8) QC           |
| F    | 0.250" (6.3) QC           |

| 2 | Code | Actuator Type |
|---|------|---------------|
|   | 2    | Curve         |

| Code | Actuator Marking |
|------|------------------|
| B    | Blank            |
| C    | ⏏                |
| D    | ⏏                |
| E    | ⏏                |
| F    | ⏏                |

| B | Code | Housing Color |
|---|------|---------------|
|   | B    | Black         |
|   | W    | White         |
|   | Y    | Grey          |

| Code | Actuator Color |
|------|----------------|
| A    | Amber          |
| B    | Black          |
| G    | Green          |
| R    | Red            |
| U    | Blue           |
| W    | White          |
| Y    | Grey           |

| N | Code | Lighted                    |
|---|------|----------------------------|
|   | N    | Non-Lighted                |
|   | L    | Lighted (Bulb 125VAC)      |
|   | E    | Lighted (Bulb 250VAC)      |
|   | F    | Lighted 5VDC Incandescent  |
|   | G    | Lighted 6VDC Incandescent  |
|   | H    | Lighted 12VDC Incandescent |

| Code | Splashproof    |
|------|----------------|
| N    | No Rocker Boot |

Rocker boot sold separately: P/N 0015-0646

## Examples of Common Part Numbers and Descriptions inches (mm)

| Part Number  | Circuitry | Switch Function  | Terminal Type                | Actuator/Housing Color | Legend Marking |
|--------------|-----------|------------------|------------------------------|------------------------|----------------|
| YRM32F2FBBNN |           | On - Off         | 0.250 (6.3)<br>Quick-Connect | Black/Black            |                |
| YRM33F2BBBNN |           | On - On          | 0.250 (6.3)<br>Quick-Connect | Black/Black            |                |
| YRM32F2BBRLN |           | On - Off/Lighted | 0.250 (6.3)<br>Quick-Connect | Red/Black              |                |

## Contact

Call, fax or visit our  
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