

# Rocker Switch

## Double (and Single) Pole

YR Series



### Features

- Lighted and non-lighted versions
- RoHS Compliant
- Minimum 50,000 operations mechanical life
- High current rating – up to 20 A

### Standard Parts<sup>1</sup>

North America and Europe

YRM32F2BBBNN YRM32F2BBRLN YRM32F2FBBNN YRM33F2BBBNN

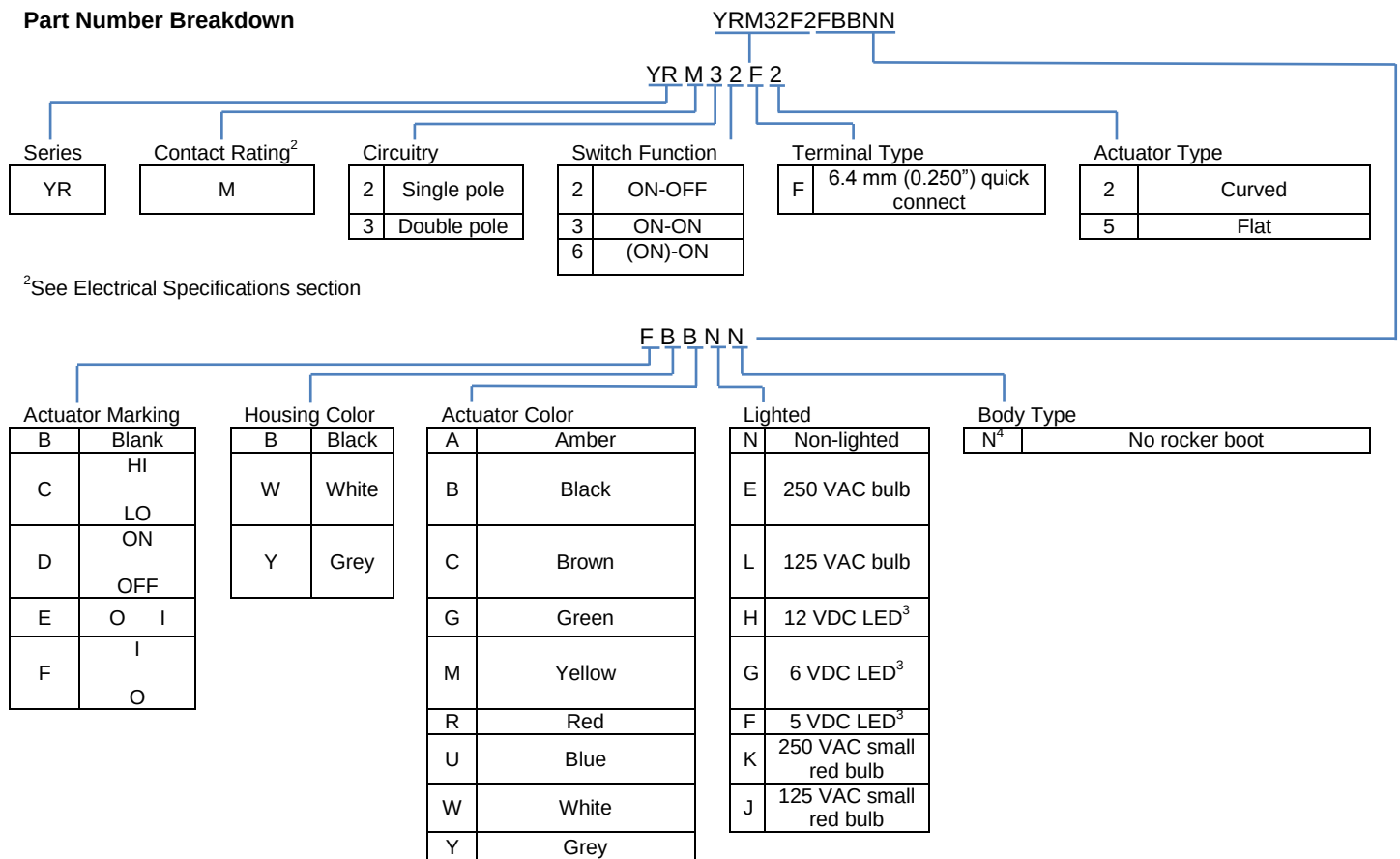
Europe

YRM32F2BBREN

<sup>1</sup>The part number configuration matrix below provides details to the part numbers above.

For configurable part numbers that are not listed above, not listed in your region, or for custom part numbers, contact the factory or your distributor.

### Part Number Breakdown



<sup>3</sup>Switches have no agency DC ratings

<sup>4</sup>A splash-proof boot (with bezel) can be ordered separately as part number 00150646

## Electrical Specifications

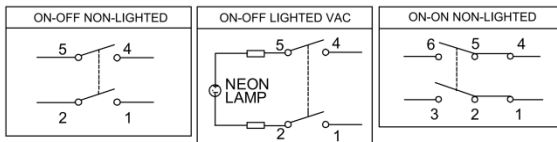
|                                |                                                                                                            |                             |                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|
| Inrush Rating – 2 position     | 48 A                                                                                                       |                             |                    |
| Inrush Rating – 3 position     | 24 A                                                                                                       |                             |                    |
| Dielectric Strength            | 1000 VAC for 1 minute                                                                                      |                             |                    |
| Insulation Resistance          | 100 MΩ min at 500 VDC                                                                                      |                             |                    |
| Initial Contact Resistance     | 0.020 Ω max                                                                                                |                             |                    |
| Switch Function:               | EN61058-1:                                                                                                 | UL Gen Purpose 1054:        | UL HP:             |
| ALL                            | 16 (8) A 250V ~ T125/55 <sup>(10k operations)</sup><br>10 (2) A 250V ~ T125/55 <sup>(50k operations)</sup> | 20 A 125 VAC / 16 A 250 VAC | ¾ HP 125 / 250 VAC |
| Electrical Life at Rated Load: | VDE:                                                                                                       | UL:                         |                    |
| Minimum Operations             | 10,000 <sup>(16(8) A)</sup><br>50,000 <sup>(10(2) A)</sup>                                                 | 6,000                       |                    |

UL File No: E23301

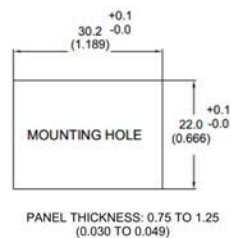
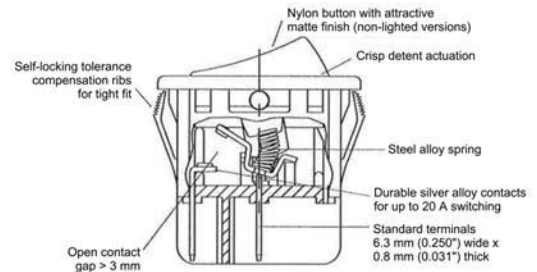
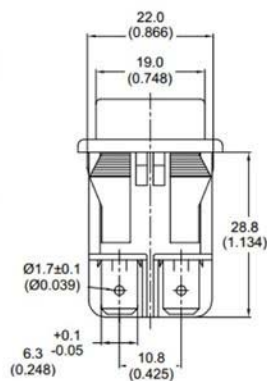
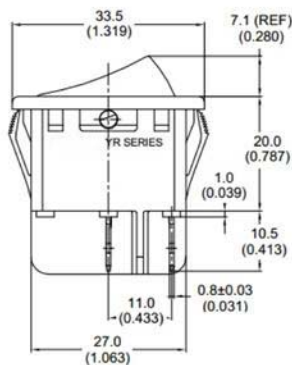
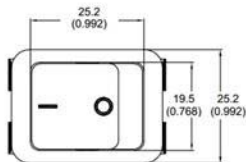
## Material and Environmental Specifications

|                             |                                   |
|-----------------------------|-----------------------------------|
| Actuator, non-lighted       | Nylon 66 94V-2                    |
| Actuator, lighted           | Polycarbonate                     |
| Base                        | Nylon 66 94V-2                    |
| Spring                      | Steel Wire                        |
| Contacts                    | Silver Alloy                      |
| Movable Arm                 | Silver-Plated Copper Alloy        |
| Terminals                   | Tin-Plated Copper Alloy           |
| Operating Temperature Range | 0 °C to +85 °C (32 °F to +185 °F) |

## Circuitry and Switch Functions



## Dimensions mm (inches)



NOTE: TOLERANCES UNLESS OTHERWISE SPECIFIED: ± 0.3 (0.012)