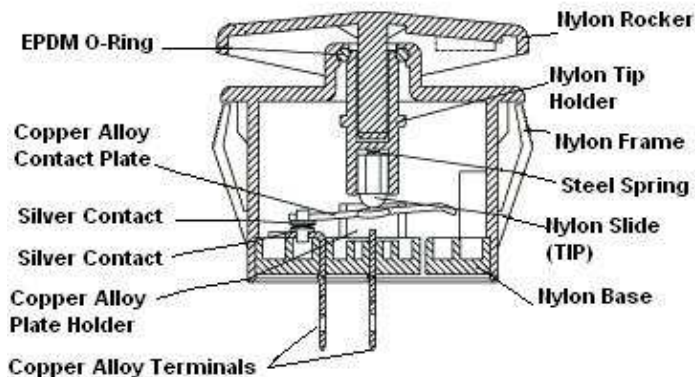


WATERPROOF 20A ROCKER SWITCH

# KT Series



## Features

|                                    |  |
|------------------------------------|--|
| • Enclosed switch complies to IP56 | • Snap in mounting                           |
| • Lighted and non-lighted versions | • Variety of actuator and lens color options |
| • Mechanical life: 100,000 cycles  | • DC electrical life: 25,000 cycles          |

## Electrical Ratings

| Switch Series | Electrical Life at Rated Load |                |                                      |                                    |                                   |
|---------------|-------------------------------|----------------|--------------------------------------|------------------------------------|-----------------------------------|
|               | VDC                           | EN60158 Rating | UL1054 Rating                        | According to VDE (Min. Operations) | According to UL (Min. Operations) |
| KT            | 21A 14VDC                     | 10(4)A 250V    | 20A 125VAC, 1/3HP; 10A 250VAC, 3/4HP | 10,000                             | 6,000                             |

## Electrical Specifications

## Material Specifications

|                                   |  |  |                               |
|-----------------------------------|--|--|-------------------------------|
| <b>Ratings:</b>                   | 20A 125VAC, 1/3HP; 10A 250VAC, 3/4HP (UL)<br>10(4)A 250V (VDE) | <b>Actuator (Non-lighted):</b>   | Nylon 66 with 33% Glass Fiber |
| <b>Dielectric Strength:</b>       | 1500VAC for 1 minute   | <b>Actuator (Lighted):</b>   | Polycarbonate                 |
| <b>Insulation Resistance</b>      | 10 <sup>8</sup> ohms min at 500VDC                             | <b>Housing:</b>  | Nylon 66                      |
| <b>Initial Contact Resistance</b> | 0.050 ohms max   | <b>Bezel:</b>  | Nylon 66                      |
| <b>Temperature Rating</b>         | -20°C to + 85°C  | <b>Spring:</b>   | Nickel-plated Steel Wire      |
|                                   |  | <b>Contacts:</b>   | Silver plated Copper Alloy    |
| <b>UL File No.:</b>               | E23301   |   |                               |
| <b>RoHS</b>                       | Compliant  |  |                               |

Specifications subject to change

# KT Series

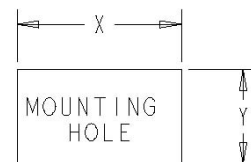
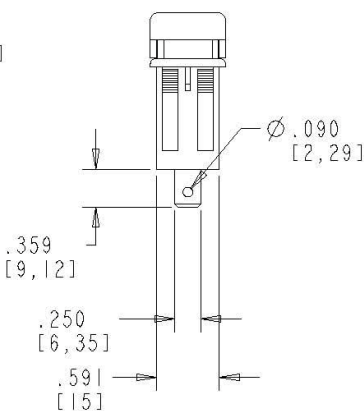
Technical drawing of the Cherry KT component, showing top and front views with dimensions in inches and millimeters.

**Top View Dimensions:**

- Overall width: 1.654 [42]
- Distance from top edge to centerline: .709 [18]
- Distance from centerline to right edge: R.197 [5]
- Feature labeled: RED LENS

**Front View Dimensions:**

- Overall height: .965 [24,5]
- Distance from top edge to mounting holes: .079 [2]
- Distance from mounting holes to bottom edge: .471 [11,95]
- Mounting holes: 4 holes, 2 on each side.
- Component label: CHERRY KT
- Specifications: 20A, 125VAC, 1/3 HP; 10A, 250VAC, 3/4 HP; 10(4)A, 250 V- (VDE)
- Distance from bottom edge to mounting holes: .267 [6,78]
- Distance between mounting holes: 1.327 [33,7]
- Overall width: 1.457 [37]











| DIM. Z       | DIM. X     | DIM. Y    |
|--------------|------------|-----------|
| .030 TO .200 | 1.454±.004 | .602±.002 |

|   |          |                          |  |  |          |                                      |          |   |          |  |          |                               |
|---|----------|--------------------------|--|--|----------|--------------------------------------|----------|---|----------|--|----------|-------------------------------|
| <b>K</b>  | <b>G</b> | <b>Z</b>                 |  | <b>A</b>   | <b>N</b> | <b>B</b>                             | <b>I</b> | <b>B</b>  | <b>B</b> | <b>R</b>   | <b>N</b> | <b>I</b>                      |
| <b>KT</b>   | <b>G</b> | <b>Z</b>                 |  | <b>A</b>   | <b>N</b> | <b>B</b>                             | <b>I</b> | <b>B</b>  | <b>B</b> | <b>R</b>   | <b>N</b> | <b>I</b>                      |
| <b>Series</b>   |          | <b>Code    Circuitry</b> |  | <b>Code   Switch Function</b>  |          | <b>Code   Terminal Type</b>          |          | <b>Code   Actuator Color</b>  |          | <b>Code   Actuator Marking</b>                                     |          | <b>Code   LED's</b>           |
|   |          | 2      Single Pole       |  | A      On - Off<br>B      On - On<br>C      On-Off-On*   |          | B      0,250" (6.35) Quick Connect   |          | A      Amber<br>B      Black<br><br>G      Green<br>L      Blue<br>R      Red<br>W      White |          | B      Blank<br>D      O _<br><br>J      ON OFF I<br>N      I O II |          | N      None<br>1      One LED |
|   |          |                          |  | *Only available as non-lighted   |          |                                      |          |   |          |  |          |                               |
| <b>Code   cULus Contact Rating</b>  |          |                          |  |  |          | <b>Code   Actuator Type</b>          |          | <b>Code   Housing Color</b>   |          |  |          |                               |
| G      20A 125VAC 1/3 HP (UL)<br>10A 250VAC 3/4 HP (UL)<br>10(4)A 250V (VDE)<br>21A 14VDC |          |                          |  |  |          | 1      Non-lighted<br>2      Lighted |          | B      Black  |          |  |          |                               |
|   |          |                          |  | <b>Code   Lighting Options</b>   |          |                                      |          |   |          |  |          |                               |
|   |          |                          |  | N      Non-lighted<br>C      24V LED<br>E      110V Neon Bulb<br>L      220V Neon Bulb<br>M      12V LFD |          |                                      |          |   |          |  |          |                               |

WATERPROOF 20A ROCKER SWITCH

# KT Series

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

| Part Number    | Circuitry   | Switch Function           | Terminal Type                | Actuator/<br>Housing Color | Legend Marking  |
|----------------|---|---------------------------|------------------------------|----------------------------|---|
| KTG2ANB1BBDNNN |  | On – Off                  | 0.250 (6.3)<br>Quick Connect | Black/Black                |  |
| KTG2AMB2BBBRN1 |  | On – Off<br>(Illuminated) | 0.250 (6.3)<br>Quick Connect | Black/Black<br>(Red Lens)  |  |
| KTG2BNB1BBBNNN |  | On – On                   | 0.250 (6.3)<br>Quick Connect | Black/Black                |  |
| KTG2CNB1BBNNNN |  | On – Off – On             | 0.250 (6.3)<br>Quick Connect | Black/Black                |  |

### Contact

Call, fax or visit our  
Website for more information.

**ZF Electronics Corporation**  
11200 88th Avenue  
Pleasant Prairie, WI 53158

Phone: 262.942.6500  
Web: [www.cherrycorp.com](http://www.cherrycorp.com)  
Email: [cep\\_sales@zf.com](mailto:cep_sales@zf.com)  
Fax: 262.942.6566

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