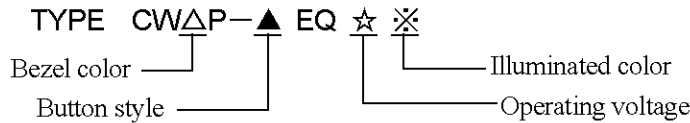


## FLUSH SILHOUETTE SWITCHES CW SERIES PILOT LIGHTS



### 1. Applicable standard

JIS C 8201-5-1  
 IEC60947-5-1  
 EN 60947-5-1 (TUV Approval)  
 GB/T14048.5(CCC Certification)  
 UL508 (c-UL Listing)  
 CSA C22.2 No.14 (CSA Certified)

### 2. Operating conditions

- |                         |                             |
|-------------------------|-----------------------------|
| (1) Ambient temperature | -25 to +50°C (no freezing)  |
| (2) Relative humidity   | 45 to 85% (no condensation) |
| (3) Storage temperature | -40 to +80°C (no freezing)  |
| (4) Pollution degree    | 3                           |

### 3. Ratings

- (1) Rated insulation voltage  
 (2) Rated operating voltage - (☆)  
 (3) Current draw

250V

Rated operating voltage (☆)	Current draw
6V AC/DC±10%(2)	22mA
12V AC/DC±10%(3)	13mA
24V AC/DC±10%(4)	12mA
100/120V AC±10% 50/60Hz • sine wave(H)	2mA
200/220V AC±10% 50/60Hz • sine wave(M)	2mA
230/240V AC±10% 50/60Hz • sine wave(M4)	2mA

- (4) LED life (reference value)

30,000 hour

(When, under 25 degrees environment, brightness reduces to 50% of initial values by the rating voltage, a rating electric current)

### 4. Constructions

- |  |  |
|--|--|
| (1) Outside view and contact operation | See attached sheet                             |
| (2) Bezel style                        | Round flush                                    |
| (3) Degree of protection               | IP66, UL Type4x (panel front), IP20 (terminal) |
| (4) Bezel color — (Δ)                  | Black (1), Metallic (4)                        |
| (5) Button style — (▲)                 | Flat (1), Extended (2)                         |

(6) Illuminated color — (※)	Red(R),Green(G),Amber(A),Yellow(Y),Blue(S),Pure White(PW)
(7) Terminal style	Screw terminal (M3.5 Slotted -Phillips screw)
(8) Applicable wire	2 mm <sup>2</sup> maximum (solid wire $\phi$ 1.6 maximum), up to 2 wires
(9) Panel thickness	0.8 to 3.2 mm
(10) Panel cut-out	$\phi$ 22.3 <sup>+0.4</sup> mm
(11) Weight	27g

## 5. Characteristics

(1) Overvoltage category	II
(2) Impulse withstand voltage	2.5kV
(3) Dielectric strength	
(a) Between live and dead parts	2,000V AC, 1minute
(b) Between live part and metal ground	2,000V AC, 1minute
(4) Vibration resistance	
(a) Operating extremes	Frequency 5 to 55Hz, Amplitude 0.5mm
(5) Shock resistance	
(a) Damage limits	1,000 m/s <sup>2</sup>
(b) Operating extremes	100 m/s <sup>2</sup>
(6) Mounting nut torque tightening	1.2 N·m
(7) Terminal strength	
(a) Recommended tightening torque	1.0 to 1.3 N minimum
(8) Electrical shock protection	Class II