

No. ISA2476F

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HW( $\phi$ 22) SERIES ROUND PILOT LIGHT  
 TYPE HW1P- $\Delta$ Q $\square$ ※ (LED illuminated type)

Illumination style  $\square$  ———— Illuminated color ※  
 ———— Operating voltage

1. Applicable standard
  - JIS C 8201-5-1
  - IEC60947-5-1
  - EN60947-5-1 (TUV Approval)
  - UL508 (UL Listing)
  - CSA C22.2 (CSA Certified)
  - GB/T14048.5 (CCC Certified)
  
2. Operating condition
  - (a) Ambient temperature -25 to +60°C (no freezing)
  - (b) Relative humidity 45 to 85%RH (no condensation)
  - (c) Storage temperature -40 to +80°C (no freezing)
  
3. Rating
  - (1) Rated insulation voltage 60V
  - (2) Rated operating voltage— ( $\square$ ) 6V AC/DC (2), 12V AC/DC(3), 24V AC/DC(4)
  
4. Construction
  - (1) Outside view See attached sheet
  - (2) Degree of protection IP65
  - (3) Included LED lamp LSRD (See attached sheet)
  - (4) LED lamp base BA9S/13
  - (5) Illumination style— ( $\Delta$ ) Round flush(1), Round dome(2)
  - (6) Illuminated color— (※) Red(R),Green(G),Amber(A),Yellow(Y),Blue(B),Pure white(PW)
  - (7) Terminal style M3.5 terminal screw
  - (8) Applicable wire Solid wire:  $\phi$ 0.5~1.6mm(AWG14~22)  
Strand wire: 0.3~2.0mm<sup>2</sup>(AWG14~22)
  - (9) Panel thickness 0.8 to 6mm
  - (10) Panel cut-out  $\phi$ 22.3<sup>+0.4</sup> mm
  
5. Characteristics
  - (1) Insulation resistance 100M $\Omega$  minimum(measured with a 500V megger)
  - (2) Dielectric strength
    - (a) Between live and dead parts 2,000V AC, 1 minute
  - (3) Vibration resistance
    - (a) Operating extremes Frequency 5 to 55Hz, Amplitude 0.5mm
    - (b) Damage limits Frequency 30Hz, Amplitude 1.5mm
  - (4) Shock resistance
    - (a) Operating extremes 100 m/s<sup>2</sup>
    - (b) Damage limits 1,000 m/s<sup>2</sup>