

Distributed by Conrad Electronic SE • Klaus-Conrad-Str. 1 • D-92240 Hirschau

Datasheet

Item no. 140379/ 140378/ 140377/ 140383/ 140382/ 140381/ 140384

V1 0717 01 en

Pilot Lamp

Product Overview

This series pilot lamp only use LED lamp as the light source. The advantage have: long life, gentle weight, smallecubag, save energy. It is the advanced product of all kinds of the incandescence lamp and the neon lamp of the XD type. The cover of the lamp is made of PC material, and have good shock resistance. It can be used as indication pilot light, accident signal and other signals in the circuits of such equipment as telecommunication.

Specifications

- Permitted Voltage ± 20% (≥110V)
- Dielectric Strength: 2.5kV(AC RMS), 1 min
- Usage Frequency(AC):50 ~ 60Hz
- Rated Operating Current: ≤20mA
- Brightness: ≥100cd/m2
- Ocomparative Tracking Index CT1≥100,flame retardant
- Insulation Resistance: Ui≤60V,5MΩ:60V < Ui≤660V,50MΩ
 </p>
- Light Color: red, green, yellow, white, blue, orange
- Operating Temperature: -25°C ~55°C

Diagram of Interior Connection

	AC/DC Type Pilot Lamp	AC Type Pilot Lamp	AC/DC Type Dual-color Lamp	AC Type Dual-color Lamp
Normal Type	$\begin{array}{c} R \\ \downarrow \\$	LED R X_1 X_2	R X 1 R X 0 R X 2 Red:X1-X0 Green:X2-X0 (Yellow:X1-X2)	Red:X1-X0 Green:X2-X0
Anti-interference Type	R LED Threshold Circuit X2	LED R Threshold Circuit	Threshold Circuit R R X 1 In threshold Circuit R In threshold Circuit R Red:X1-X0 Green:X2-X0 (Yellow:X1-X2)	LED Threshold Circuit R X_1 C X_0 R X_2 Red:X1-X0 Green:X2-X0

Note:1,AC/DC type pilot lamp is resistor step - down form; AC type pilot lamp is capacitor step - down form.

2, When voltage is 110V or above it, The temperature of outer shell of AC/DC type pilot lamp is higher than AC type pilot lamp.

Attentions

- 1,The frequency of AC type pilot lamp is $50 \sim 60$ Hz. If work in other frequency ranges, it will be broken .
- 2,The common threshold value of anti-interference pilot lamp is below 40V; and if you need higher threshold value please tell us.

If you need to weld, please finish it in 3 seconds by the electric iron which is below 30W and don't exert external force on terminals. We suggest that the threshold value shouldn't be too high. Please check the routing If the interference voltage is too high.

- 3, Connection error is not allowable to AC type dual-color light, otherwise pilot lamp will be broken.
- 4, Avoid using welding mode to connect lines as possible and you should using general plug (2.5 × 0.8 mm) to connect and wear the protective sleeve.



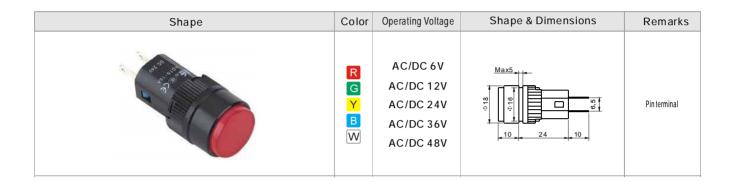
Distributed by Conrad Electronic SE • Klaus-Conrad-Str. 1 • D-92240 Hirschau

Datasheet

Item no. 140379/ 140378/ 140377/ 140383/ 140382/ 140381/ 140384

V1_0717_01_en

Pilot Lamp



140379: Signal lamp, 12V/DC, dia 16mm, blue

140378: Signal lamp, 12V/DC, dia 16mm, green

140377: Signal lamp, 12V/DC, dia 16mm, red

140383: Signal lamp, 24V/DC, dia 16mm, blue

140382 : Signal lamp, 24V/DC, dia 16mm, green

140381: Signal lamp, 24V/DC, dia 16mm, red

140384: Signal lamp, 24V/DC, dia 16mm, white