



IEC Ø22mm Integrated LED Pilot-Lights
Multi-Voltage 8V-36V AC/DC & Multi-voltage 12V-240V AC/DC

Date:
1st July 2013

Group:
Ø22mm LED Pilot Lights

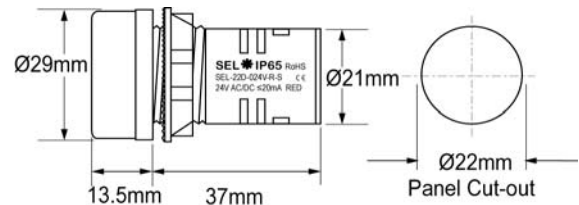
Part Number (18-Digits):
SEL-22D-XV-XXV-X-S
SEL-22D-XXV-XXXV-X-S

Data Sheet:
SE-IND-22D-S3-MV

Constant-Current-Drive LED Pilot-Light with Multi-Voltage Rating for 8V to 36V AC/DC & 12V to 240V AC/DC; Operating-current: 20mA Max.



IP65



Solitronics Engineering Ltd E-mail: info@solitronics.com

Features & Application

- Constant-current-drive-circuit for 8V AC/DC to 36V AC/DC & 12V AC/DC to 240V AC/DC.
- One single Multi-Voltage-Rated 8V - 36V Pilot Light for direct 8V AC/DC to 36V AC/DC.
- One single Multi-Voltage-Rated 12V-240V Pilot Light for direct 12V AC/DC to 240V AC/DC.
- Eliminates the stocking of a large number of different voltage-rated Pilot-Lights for different colour Pilot-Lights.
- Reduced stock types to only 12 to cover all colours & all voltage-ratings from 8V AC/DC to 36V AC/DC & 12V AC/DC to 240V AC/DC
- Fitted with Red, Green, Amber, Yellow, Blue & White Lens & diffuser, integrated LED light-source & constant-current IC LED driver.
- Non-Polarized on DC-Operation; Shock-resistant; Low-power-consumption ($\leq 20\text{mA}$) and cool-operation,
- Uniform-brightness within rated-voltage range; Long life-expectancy.

**SEL 22D Series
LED Pilot-Light
RoHS compliant**

Physical Dimensions

- Mounting-Hole: Ø 22.0 mm (Locked-mounting on holes with 20.3mm flats)
- Overall-Length: 50.5mm -0/+2mm; Depth behind panel: 37.0mm -0/+1.5mm; Lens-Diameter: Ø 30.0 mm Maximum
- Termination: Finger-proof screw-terminals with screw-retainer and wire-protector
- Standard-Packing: 10 pcs per inner box; 500 pcs per Export-Carton; Carton-Size: 41x35x34cm (LxBxH); G.W. 13.5Kg

Solitronics Part No.	Nominal Rated-Voltage	Current	No. of LED Chips (Typical Configuration)	Colour	Remarks
SEL-22D-08-36V-R-S	8 - 36V AC/DC	$\leq 20\text{mA}$	1-chip*	Super-Bright Red (625nm)	
SEL-22D-08-36V-G-S	8 - 36V AC/DC	$\leq 20\text{mA}$	1-chip*	Super-Bright Green (517nm)	
SEL-22D-08-36V-A-S	8 - 36V AC/DC	$\leq 20\text{mA}$	1-chip*	Super-Bright Amber (605nm)	
SEL-22D-08-36V-Y-S	8 - 36V AC/DC	$\leq 20\text{mA}$	1-chip*	Super-Bright Yellow (587nm)	
SEL-22D-08-36V-B-S	8 - 36V AC/DC	$\leq 20\text{mA}$	1-chip*	Super-Bright Blue (461nm)	
SEL-22D-08-36V-W-S	8 - 36V AC/DC	$\leq 20\text{mA}$	1-chip*	Super-Bright White (x:0.281 y:0.289)	
SEL-22D-12-240V-R-S	110V- 240V AC	$\leq 20\text{mA}$	4-chips*	Super-Bright Red (625nm)	Under Development
SEL-22D-12-240V-G	110V- 240V AC	$\leq 20\text{mA}$	2-chips*	Super-Bright Green (517nm)	
SEL-22D-12-240V-A	110V- 240V AC	$\leq 20\text{mA}$	4-chips*	Super-Bright Amber (605nm)	
SEL-22D-12-240V-Y	110V- 240V AC	$\leq 20\text{mA}$	4-chips*	Super-Bright Yellow (587nm)	
SEL-22D-12-240V-B	110V- 240V AC	$\leq 20\text{mA}$	2-chips*	Super-Bright Blue (461nm)	
SEL-22D-12-240V-W	110V- 240V AC	$\leq 20\text{mA}$	1-chip*	Super-Bright White (x:0.281 y:0.289)	

Remarks:

*Indicates Super-High Bright high-efficiency InGAN LED-Chips; InGAN LED-Chips are sensitive to ESD (Electro-Static-Discharge)
Due to continuous technological development LED-chip configuration may vary depending on type of LED chip-set from LED chip manufacturer.
Normal Pilot-Lights with Rated-Voltage of 12V AC/DC, 24V AC/D, 36VAC/DC, 48VAC/DC, 110V AC/DC, 130V AC/DC, 230V AC, 230V DC & 380V AC only are also available.
Special-Feature Pilot-Lights e.g. Red-Self-flashing, Dual-Colour Red/Green, Combined Red-Self-flashing Indicator with Buzzer and Panel-Mount Buzzer are also available.
Due to continuous development, all specifications are subject to change without prior notice. Please confirm all details at time of ordering.



IEC Ø22mm Integrated LED Pilot-Lights Multi-Voltage-Rated 12V to 240V AC/DC

Date:
18th February 2016

Group:
Ø22mm LED Pilot Lights

Part Number (19-Digits):
SEL-22D-12-240V-X-S

Data Sheet:

SE-IND-22D-S4-MV-R4

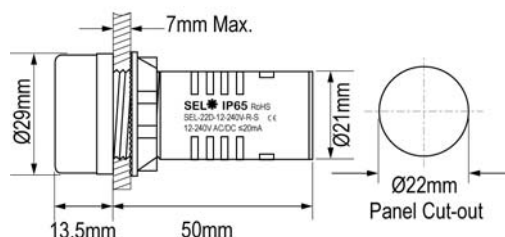
Constant-Current-Drive LED Pilot-Light with Multi-Voltage Rating for 12V AC/DC to 240V AC/DC operation. Operating-current: 20mA Max.



RoHS



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**SEL 22D Series
LED Pilot-Light
RoHS compliant**

Features & Application

- Constant-current-drive-circuit for 12V to 240V AC/DC 50/60Hz.
- One single Multi-Voltage 12V - 240V AC/DC Rated LED Pilot-Light for direct 12V AC/DC, 18V AC/DC, 24V AC/DC, 28V AC/DC, 30V AC/DC, 36V AC/DC, 48V AC/DC, 60V AC/DC, 110V AC/DC, 110VAC, 115VAC, 120VAC, 125VAC, 130VAC, 200VAC, 220VAC, 230V & 240V AC 50/60Hz operation.
- Reduced stock to only 6 types to cover all colours and voltage-ratings from 12V AC/DC to 240V AC/DC.
- Available in Red, Green, Amber, Yellow, Blue & White with built-in integrated LED light-source and diffuser.
- Dual-Polarity; Shock-resistant; Low-power-consumption ($\leq 20\text{mA}$) and cool-operation,
- Uniform-brightness within rated-voltage range; Long life-expectancy.

Physical Dimensions

- Mounting-Hole: Ø 22.0 mm (Locked-mounting on holes with 20.3mm flats)
- Overall-Length: 63.5mm -0/+2mm; Depth-behind-panel: 50.0mm -0/+1.5mm; Lens-Diameter: Ø 30.0 mm Maximum
- Termination: Finger-proof screw-terminals with screw-retainer and wire-protector
- Standard-Packing: 10 pcs per inner box; 500 pcs per Export-Carton; Carton-Size: 41x35x34cm (LxBxH); G.W. 13.5Kg

Solitronics Part No.	Nominal Rated-Voltage	Current	No. of LED Chips (Typical Configuration)	Colour	Remarks
SEL-22D-12-240V-R-S	12 - 240V AC/DC	$\leq 20\text{mA}$	4-chips*	Super-Bright Red (625nm)	
SEL-22D-12-240V-G-S	12 - 240V AC/DC	$\leq 20\text{mA}$	2-chips *	Super-Bright Green (517nm)	
SEL-22D-12-240V-A-S	12 - 240V AC/DC	$\leq 20\text{mA}$	4-chips*	Super-Bright Amber (605nm)	
SEL-22D-12-240V-Y-S	12 - 240V AC/DC	$\leq 20\text{mA}$	4-chips*	Super-Bright Yellow (587nm)	
SEL-22D-12-240V-B-S	12 - 240V AC/DC	$\leq 20\text{mA}$	2-chips *	Super-Bright Blue (461nm)	
SEL-22D-12-240V-W-S	12 - 240V AC/DC	$\leq 20\text{mA}$	1-chip*	Super-Bright White (x:0.281 y:0.289)	

Remarks:

*Indicates Super-High Bright high-efficiency InGAN LED-Chips; InGAN LED-Chips are sensitive to ESD (Electro-Static-Discharge)
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