

Select Aerospace Technologies Ltd

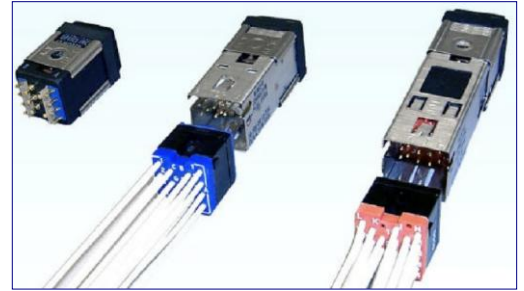
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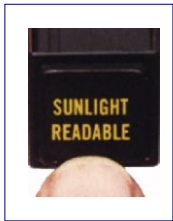
Website : www.selectaero.com



www.vivisun.com



Aerospace Optics, Inc. Manufacturer of Mil-spec QPL Listed high performance electro-optical displays, LED and incandescent lighted pushbutton switches and annunciators serving the military and civilian avionics industry. In business for more than 30 years, Aerospace Optics quality system is ISO9001:2000 and AS9100:2001 Section 1 Certified and the lab is DSCC certified for testing to the requirements of MIL-PRF-22885, MIL-S-22885 and MIL-STD-202



Sunlight Readable in a light ambient of 10,000 foot candles (direct sunlight). No Ghosting ~ maintains total dead face when not energized.

Sealed Switch



VIVISUN LED features all the Vivisun 95 series (2 and 4-Pole) offers,

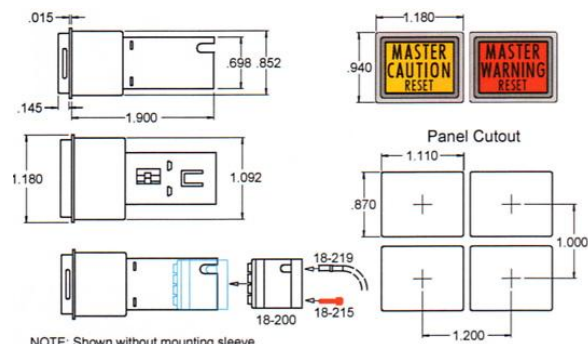
- High Reliability-** Highly reliable LED lighting provides life-of-the-platform service life.
- Maintenance Free Operation-** LED lighting eliminates replacing failed incandescent lamps.
- Voltage Dimming-** Comparable to incandescent lamp voltage dimming.
- A Spectrum™ of Colors-** Five Standard colors, including white and six NVIS colors.
- Sunlight Readable-** Displays are readable in 10,000 foot-candles.
- NVIS Compliant-** Meets the requirements of MIL-L-85762A, MIL-STD-3009 and JSSG-2010-5.
- Low Power-** Requires > 1/2 the power needed for incandescent lamps.(42 mA for complete switch)
- Low Touch Temperature-** Face cap temperature does not exceed 49°C [120° F] at 22°C [72° F].
- Rugged Design-** Qualified to MIL-PRF-22885/108 and listed on QPL 22885.
- Electrical Environment-** Meets the electrical environmental requirements of RTCA/DO-160D.



Vivisun LR3 – “MASTER CAUTION SWITCH”



- Large Rectangular switch **1.0” x 1.2”** [25mm X 30mm]
- LED Technology with 4 independent Quadrants with 6 LEDs in each [Total 24]
- High reliability
- Low power consumption – 1.5 Watts
- Low current draw – 54 mA typical at 28VDC
- **Over 150 combinations** of Lighting Type, Cap Display and colours



Vivisun Dichromatic switches

All features the Vivisun Led series offers, but with Dichromatic legends



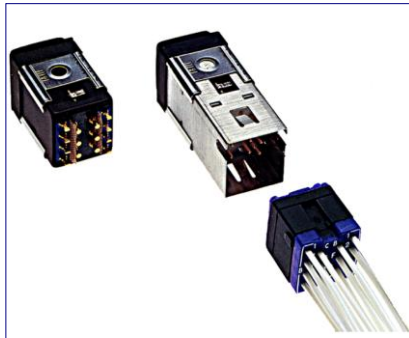
The Dichromatic Switch legends are bicolor and can be illuminated in either of two distinctly different colors. The color displayed can be programmed by selecting which input pins are energized (On) and which pins are unenergized (Off). The display legends are illuminated by solid state LED (Light Emitting Diode) technology. The LEDs are arranged in a matrix of 16 LEDs with 4 LEDs per electronic circuit.

Vivisun 95 4-Pole Series (MIL-S-22885/108)

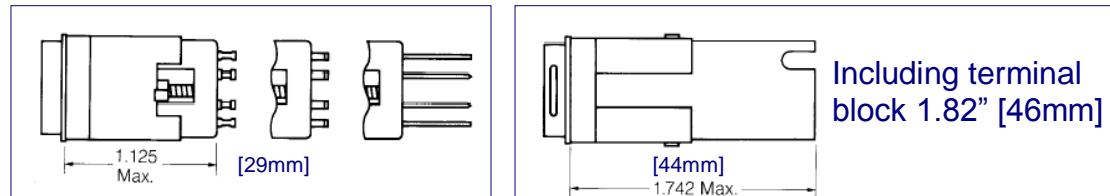


NVIS - Sunlight readable. Incandescent only. 4-Pole Solderless QUIK-CONNECT™ Option. Switch body length 2.52" [64mm] Including terminal block 2.58" [66mm] max.

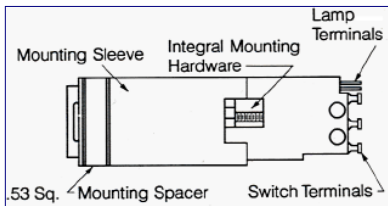
Vivisun 95 series 2-Pole (MIL-S-22885/108)



NVIS - Sunlight readable. Incandescent only. Available in 1 and 2-Pole switch. Momentary, Alternate and indicator. With turret-, spade-, wire wrap / PCB-solder terminations and Solderless QUIK-CONNECT™ Option.



Vivisun 99 Series (MIL-S-22885/90)



NVIS - Sunlight readable. Incandescent and solder terminals only. Switch body is 0.75" [19mm] square. Legend area is 0.53" [13mm] square. Available in 1, 2 and 3-Pole switch. Momentary, Alternate and Indicator. Body length including solder terminals is 2.32" [59mm] max.

Vivisun 5000 series

The NVIS-Sunlight Readable Electro-Optical Display System provides interactive displays that are NVIS compatible and SUNLIGHT READABLE per MIL-L-85762A.

