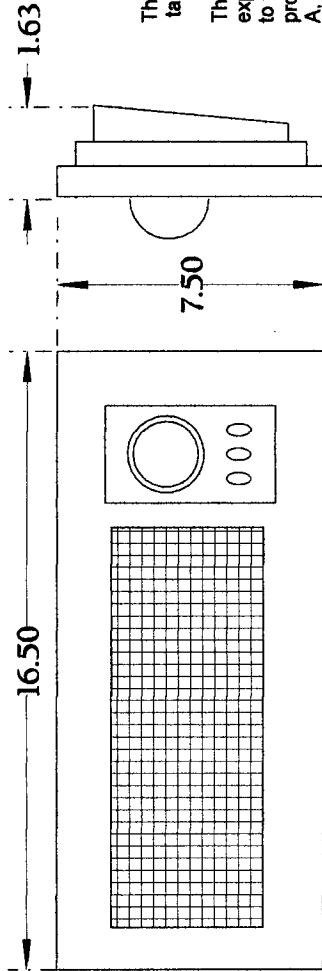


Lighted NEMA Grade BACKLIT Keyboard  
100971 and 100972  
Product Description

These compact keyboard/trackball assemblies are NEMA grade units available as a table-top product, P/N 100971, or as a panel mount product, P/N 100972.

The top plate is black anodized aluminum with a 0.010 thick Mylar overlay bonded to the exposed surface. A clear polyurethane key-hugging membrane keyboard seal is secured to the bottom side of the chassis with an aluminum frame, and is almost invisible while providing an effective water/dirt barrier. These units are water/dirt resistant when inserts A, B, or C are selected. 100972 meets NEMA 4&12 when D insert is selected.



- 100971 Tabletop**  
1- BL82A KEYBOARD  
2- 384E82 MEMBRANE  
3- TRACKBALL INSERT 100902  
4- HOUSING 100968

FEATURES (Trackball)

- \* All metal mechanicals \* Ball bearings \* 440C Stainless steel shafts \* Optical encoders
- \* 2 inch ball \* Uses existing mouse driver - no additional software is required
- \* Optional Green, Blue, Red or Yellow trackball switch LED's upon request (special order part)

ENVIRONMENTAL (Trackball / Keyboard)

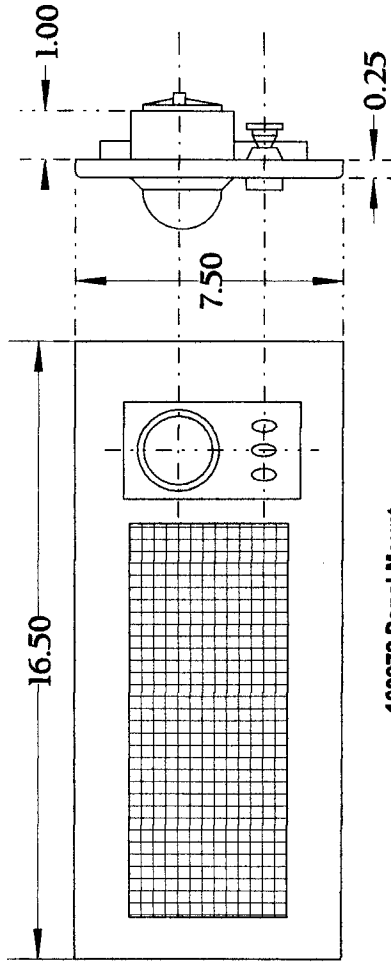
TEMPERATURE: -40 to +70 C. Operational, -55 to +85 C. Storage  
HUMIDITY: 95% RH non-condensing operational  
SHOCK: 20 G any axis  
VIBRATION: 5 G 10-2000 Hz  
ALTITUDE: -1000 to +50,000 + feet operational  
R.F.: FCC class B part 15 subpart 3 requires this product to be tested with a host. Evergreen manufactures units meeting MIL-STD-461C Part 2-RE-02.  
MTBF: 25,000 hours industrial, 50,000 hours office benign per MIL-HDBK-217E

TECHNICAL DATA (Trackball / Keyboard)

Supply Voltage:

PS/2 +3,3 +5VDC typ 220 mA w/ red backlighting  
USB +4 5 VDC max 220 mA w/ red backlighting

Wiring DWG - 100970



- 100972 Panel Mount**  
1- BL82A KEYBOARD  
2- 384E82 MEMBRANE  
3- TRACKBALL INSERT 100902

EVERGREEN

4740 CALLE QUETZAL, CAMARILLO, CA 93012

SCALE: APPROVED BY: DRAWN BY: MAS

DATE: 08/22/02 REVISED 2/13/03

Compact NEMA Grade BACKLIT Keyboards

OFST8 100971 & 100972 DRAWING NUMBER 100973