



IEC 60945 FULLY TESTED MARINE KEYBOARD LED backlit keyboard with 50mm trackball



KSML106F1USB-WLED-MC1

This 106 key backlit keyboard is approved for use with Solas Marine applications (f.i ECDIS). Illumination of the key legends, contour and trackball contour with long life, low power LED backlighting using fiber optics techniques. The keyboard has a multi-functional layout with separate numerical- and control keypads and integrates a large 50mm industrial trackball. Front panel mounting by means of M3 threaded studs. The added silicon sponge seal assures the sealing into the user's cabinet. The rear side components are protected by a covering metal plate. We recommend the use of the optional frontal covering bezel in case the keyboard can not be sunk mounted. (See below, CFR-02).

Main features

- Certificate of Conformity fully compliant with IEC60945
- User-friendly layout with separate numerical-, control- and function keypads
- High brightness LED's with fibre optics
- Illumination of the key legends, contour and trackball contour
- Low power LED's warrant for a long life
- No external power supply necessary, keyboard port power sufficient
- Dimmable backlighting at 8 levels by two dedicated keys
- Intelligent luminosity setting of "numlock" and capslock" LED's
- White backlighting

SPECIFICATIONS

- | | |
|-------------------------|------------------------------|
| • Sealing | : IP65 sealed |
| • Keys | : 106 short travel switches |
| • Pointing Device | : 50 mm trackball |
| • Output | : 1,6 m. USB cable |
| • Dimensions / weight | |
| panel mount | : 432 x 152 x 45 mm / 1,2 kg |
| enclosed | : 475 x 215 x 57 mm / 3,5 kg |
| • Compass safe distance | : 0,5 m |

ORDER INFO

PANEL MOUNT

ENCLOSED

KSML106 F0001-W-MC1

KSML106 S0001-W-MC1

US Qwerty layout, USB output, white backlighting



CUSTOMIZATION

Possible customization includes adapted backlighting controls, addition of company logo or specific function keys, different layouts, different colour, all this without having to reapply for certification!



OPTIONAL

CFR-02 Covering bezel in blackened aluminium



SOLAS IEC60945 MARINE APPROVED KEYBOARD

FEATURES & TECHNICAL DATA

MECHANICAL

- short travel, tactile feel switches with 0,3 mm travel and 2,55 N operating force
- black polyester front layer with embossed keys, scratch and chemical resistant
- aluminium carrier and silicone sponge panel sealing
- 50mm trackball, black epoxy resin ball

ENVIRONMENTAL

- operating temperature : 0°C to +60°C
- sealing IP65 static

ELECTRICAL

- Power requirements : directly from USB port
- USB output for keyboard and trackball. Via shielded cable of 1,6 meter.

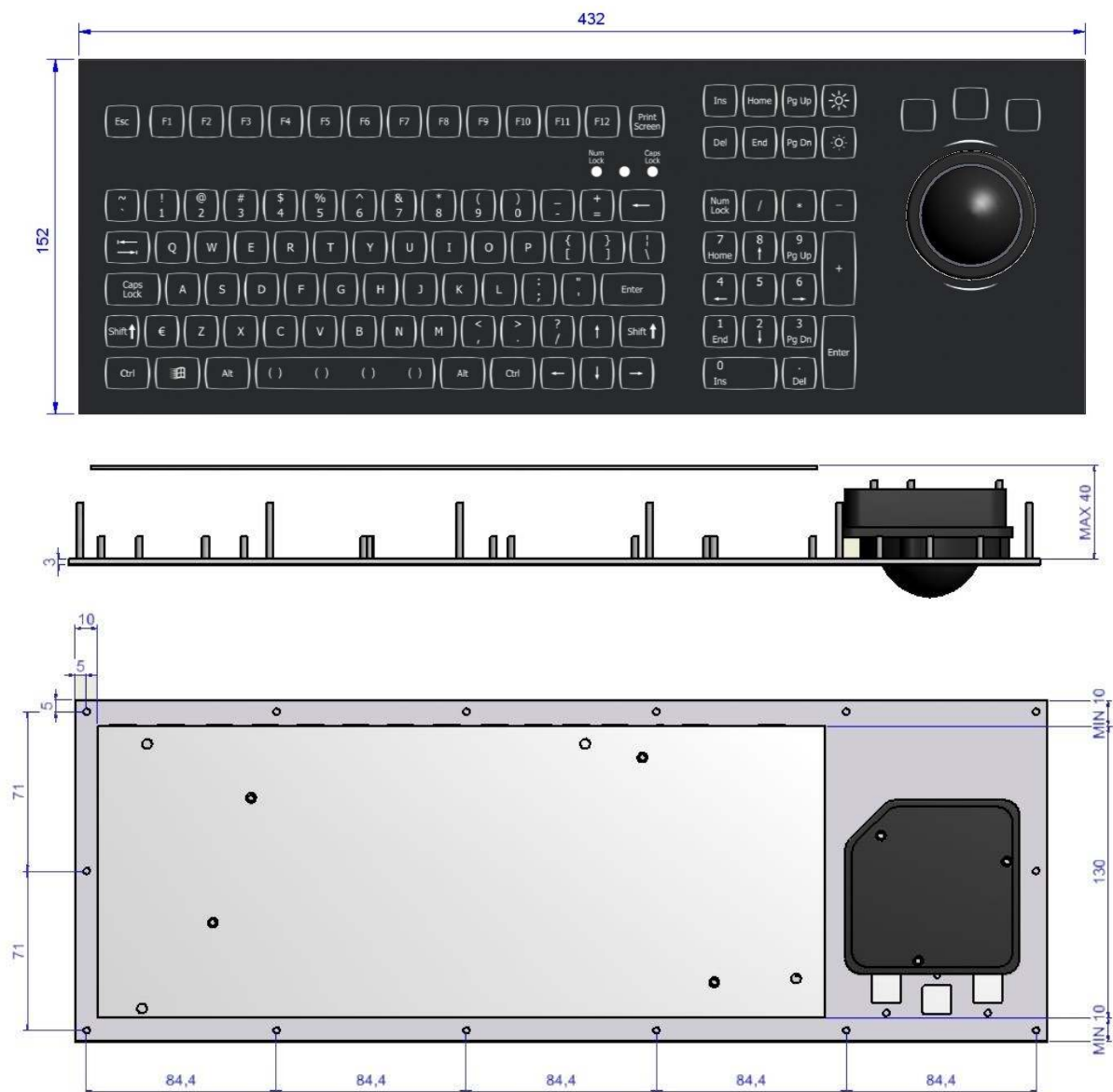
COLOURS

Keyboard & Key Background :

PANTONE Black 2 C 2X

Key edges & key legends : white Translucent

DIMENSIONAL DRAWING



The company reserves the right to alter without prior knowledge the specification or design of any standard product or service.