DuraLight ☼ KEYBOARD & TRACKBALL
Multi-functional layout with LED backlighting

106 key backlit "Duralight" keyboard with long life, low power LED backlighting using fiber optics techniques. The KSML106-LED series has a multi-functional layout with separate numerical- and control keypads and integrates a large 50mm industrial trackball. Illumination of the key legends and contour, the trackball contour and even customer logo's or trademarks.

Main features
  User-friendly layout with separate numerical-, control- and function keypads
- High brightness LED's with fibre optics
- Illumination of the key legends and contour, the trackball contour and even customer logo's or trademarks.
- Low power LED's warrant for a long life
- No external power supply necessary, keyboard port power sufficient
- IP65 sealing
- Short travel switches with low pressure and positive tactile feel
- Integrated 50mm large, industrial grade trackball
- Dimmable backlighting at 8 levels by two dedicated keys
- Intelligent luminosity setting of "numlock" and capslock" LED's
- PS/2 or USB outputs for keyboard and trackball
- White backlighting as standard, other colours on request.

Panel mount version
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.

KSML106F1yyy-zLED
Dim : 432 x 152 x 45 mm
Weight : 1,2 kg

Enclosed version
The keyboard is mounted in a robust, all steel enclosure.

KSML106S1yyy-zLED
Dim : 475 x 215 x 57 mm
Weight : 3,5 kg

• CONNECTIVITY

The unit has two 1,6 meter shielded cables ended by PS/2 plugs or one cable with USB type A plug.
No special drivers are necessary. Use the drivers as standard available in your operating system.

• ORDERING INFO

KSML106 F xx yyy-zLED	Panel mount version
KSML106 S xx yyy-zLED	Enclosed version
xx = layout version : 1 = Qwerty layout	yyy = protocol output : PS2 or USB z = backlighting colour : W = white (standard) R = red

OPTIONAL

CFR-02	Covering bezel in blackened aluminium (for top panel mount applications)

CFR-02

Example : KSML106S + 1 + PS2 + WLED = KSML106S1PS2-WLED
 = 106 key white LED backlit keyboard with trackball, enclosed version, US qwerty layout with PS/2 output

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• 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
  enclosed version : steel enclosure with industrial epoxy coating (mid grey)
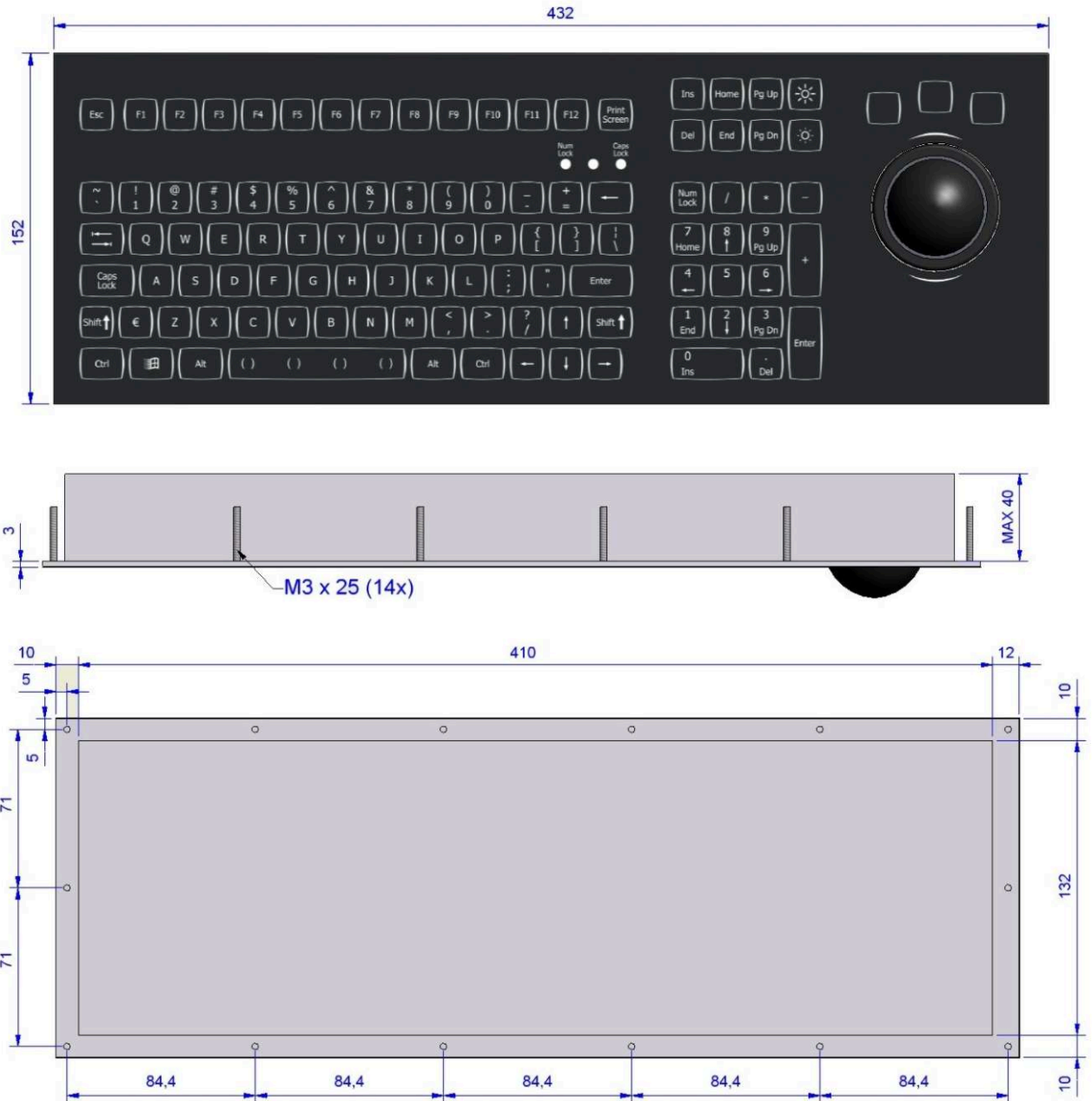
ENVIRONMENTAL
  operating temperature :
  0°C to +60°C
  sealing IP65 static

ELECTRICAL
  Power requirements : directly from PS/2 or USB port
  PS/2 or USB output for keyboard and trackball. Via shielded cable(s) of 1,6 meter.

• DIMENSIONAL DRAWING   front panel mount version

COLOURS
Keyboard & Key Background : PANTONE Black 2 C 2X
Key edges & key legends : White Translucent

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