

DS83S TB

Extremely flat silicon keyboard with 83 buttons

- *for horizontal and vertical installation*
- *in machines, measurement systems, control desks*
- *at very less space requirements*

DS83S TB

integrated track ball



Description:

- The DS83S TB is an extremely flat silicon keyboard with very low outside measurements, 83 buttons, integrated track ball and integrated numeric block. Buttons for windows functions are another feature of this unusual keyboard.
- The keyboard is particularly suitable for horizontal/vertical installation in machines, measurement systems and control desks where a standard keyboard is needed and only a low mounting height or altogether less place is available.
- About this features the DS83S TB is the optimal solution for all narrow surroundings.
- Explicitly operation also in extrem weather conditions possible.
- Especially suitable for industrial extreme surroundings.

Order number for example:

notation: DS83S-TB0 US PS2-PS2
article number: 10762080A900003LL00

More information to each variant and their order numbers, see our web-site at

www.dskeyboard.com

Features:

- About the PVC-deck foil and the silicon switch pad high protection of the electronic components, the mechanical guides and the contacts against ingress of dust and water spray (protection IP65).
- Studied contact design guarantees a safe contact gift in every place.
- Convenient and positive operation due to the 1 mm travel keys with tactile feel.
- Splendid button feel with clear snap effect.
- Integrated track ball, black plastic bowl, 38 mm (static IP 65, dynamic IP56).
- Aluminium strap plate with polyester deck foil.
- Silicon switch pad (buttons) agate grey, 7038, with printed symbols. Different colours possible.
- Mounting version with very low outside measurements.
- Buttons for windows functions, integrated numeric block and LED-Indicators.

Mechanical Data:

- Travel 1mm
- Operation force 1,2 N
- 83 buttons, compact layout
- Durability > 1 million ops.
- Storage temperature -40°C - +80°C
- Operation temperature 0°C - +60°C (optional -20°C - +60°C)
- Protection IP65

Layouts:

- All variants are possible.

Variants:

- Custom-designed variants are possible (see our web-site).

Connecting-Variants:

- PS/2, USB
- Cable straight or spiral-shaped
- Cable length 1,5 m
- Other length are possible

Detail Views:

- Compact button arrangement on the smallest area with integrated track ball.



Electrical Data:

- Contact load + 5V / 20 mA
- CE-conformable
- EMC-conformable
- RoHS-conformable

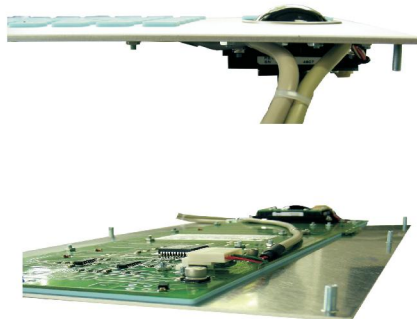
Principle:

- Contact by a silicon switch pad with carbon contacts.

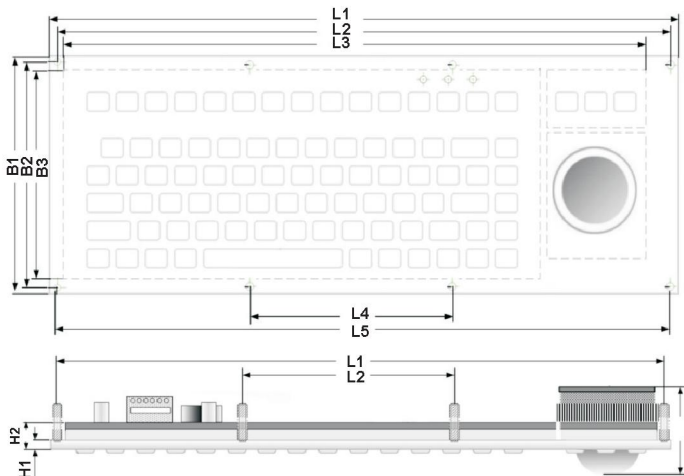
Use Possibilities:

- Extreme damp (even splash water) surroundings
- Very dusty surroundings
- Measurement systems
- Machine- and device construction
- Vehicle installations
- Aeronautics
- Navigation Systems
- and any more

- Very compact, flat style
- Threat bolts for optimal installation



Dimensions:



L1 = 366,00mm
L2 = 358,00mm
L3 = 348,00mm
L4 = 119,33mm
L5 = 358,00mm

B1 = 134,00mm
B2 = 126,00mm
B3 = 109,55mm

H1 = 358,00mm
H2 = 119,33mm

More information about the measurements can be downloaded from our web-site.

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integrated
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**DS Keyboard
Technic GmbH**

Herrenlandstr. 31-35
78315 Radolfzell

Tel.:
+49 (0) 7732-82385-0

Fax:
+49 (0) 7732-82385-29

Mail:
info@dskeyboard.com

Internet:
www.dskeyboard.com