

DS83S

Extremely flat silicon keyboard with 83 buttons

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



Description:

- The DS83S is an extremely flat silicon keyboard with very low outside measurements, 83 buttons 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 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 F
article number: 107620100900003GG00

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

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.
- 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.

DS Keyboard Technic GmbH

Development
Production
Distribution

- keyboards
- input modules and switches
- control units and panels
- electronic modules

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 numeric bloc.



Electrical Data:

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

Principle:

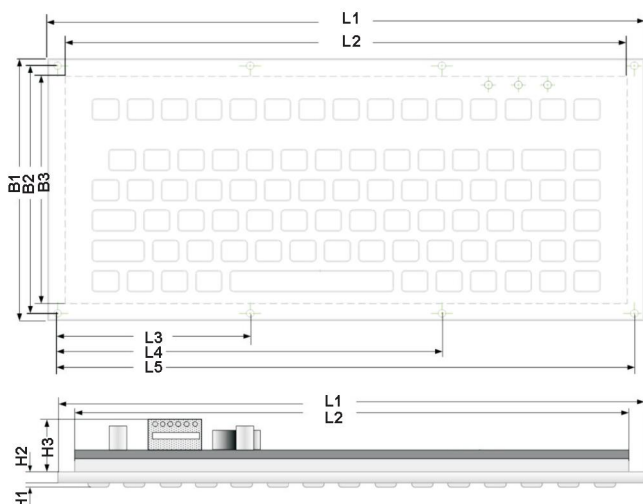
- Contact by a silicon switch pad with carbon contacts.

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
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- Very compact, flat style
 - Mounting holes for optimal installation



Dimensions:



L1 = 305,10mm
L2 = 287,10mm
L3 = 98,40mm
L4 = 196,70mm
L5 = 295,10mm



B1 = 134,00mm
B2 = 116,00mm
B3 = 126,80mm

H1 = 2,00mm
H2 = 2,50mm
H3 = 10,30mm

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