

# DS83S

## *Extremely flat silicon keyboard with 83 buttons*

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

DS83S  
standard



### **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

### **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.

ADPZ

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Web site : [www.adpz.fr](http://www.adpz.fr)

### 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:

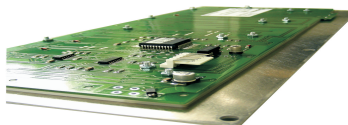
- Contact load + 5V / 20 mA
- CE-conformable
- EMC-conformable
- RoHS-conformable

### Principle:

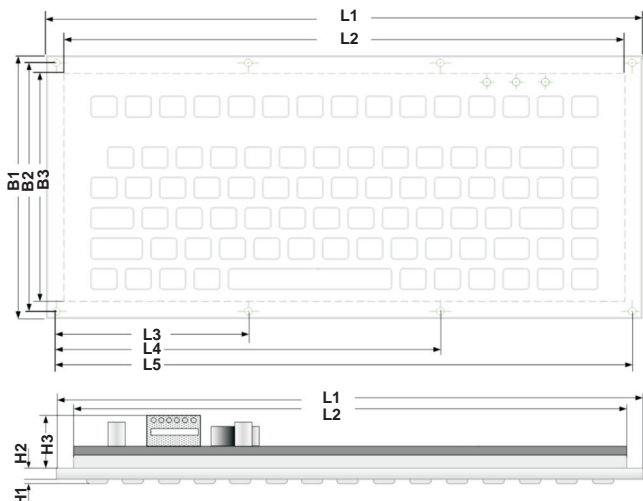
- Contact by a silicon switch pad with carbon contacts.

### 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
- 
- 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.

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