

# DS83S TP

## *Extremely flat silicon keyboard with 83 buttons*

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



## DS83S TP

integrated touch pad

### **Description:**

- The DS83S TP is an extremely flat silicon keyboard with very low outside measurements, 83 buttons, integrated touch pad 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 TP 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-TP  
**article number:** n/a

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

[www.dskeyboard.com](http://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 touch pad.
- 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

### Electrical Data:

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

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

### Principle:

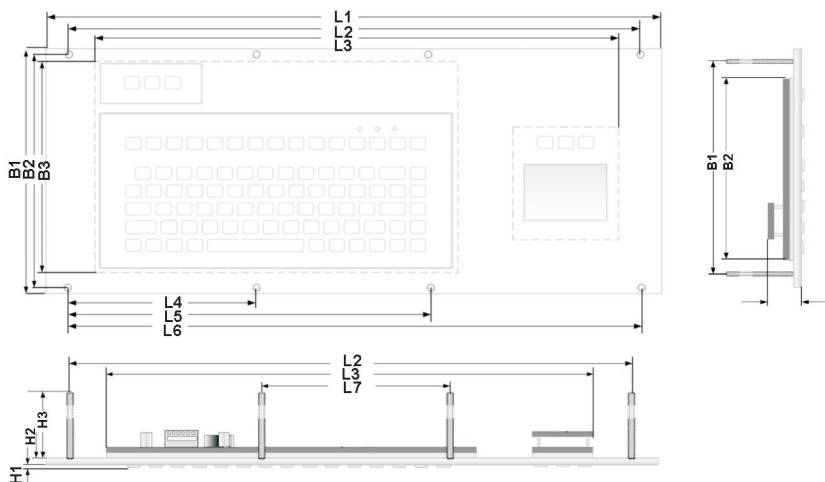
- Contact by a silicon switch pad with carbon contacts.

### 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

Detail pictures are not available at the moment

### Dimensions:



L1 = 483,30mm  
L2 = 442,24mm  
L3 = 402,18mm  
L4 = 148,60mm  
L5 = 295,18mm  
L6 = 442,25mm  
L7 = 146,91mm

B1 = 190,25mm  
B2 = 173,81mm  
B3 = 150,20mm

H1 = 2,00mm  
H2 = 2,50mm  
H3 = 33,10mm

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

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