

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

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.

ADPZ

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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
- Threat bolts for optimal installation



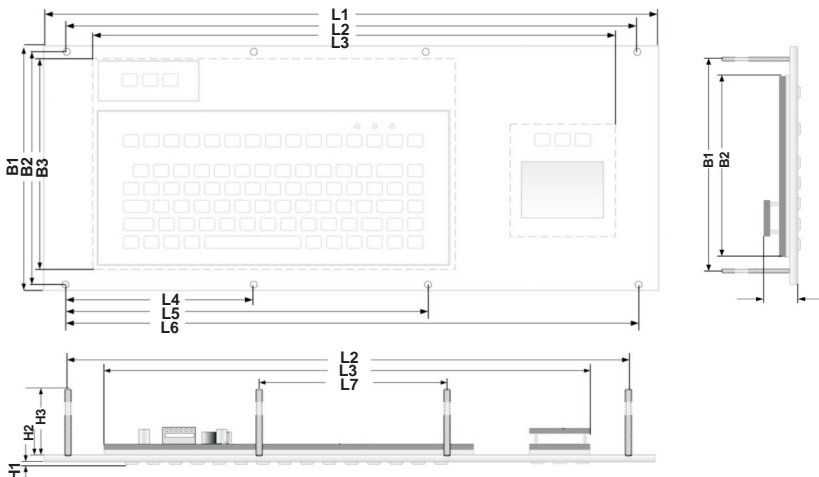
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Detail pictures are not available at the moment

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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