DS24TW HL

Freely programmable keyboard with luminescent symbols

- **for darkly narrow surroundings**
- **test- and measurement systems**
- **and many more**

Description:

- In principle a freely programmable keyboard with 24 buttons in different layouts and from inside illuminated button symbols.

- Table version in a black enclosure with very low outside measurements, soft-touch lacquered, to build in or for the extern work with small machines or devices.

- The optimal sulotion for all narrow and bad illuminated surroundings.

- Explicitly operation also in extrem weather conditions possible.

- Especially suitable for darkly narrow industrial extreme surroundings.

Order number for example:

notation: DS24TW HL2 V3 USB
article number: 05013V33010150000HL2

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

www.dskeyboard.com

Features:

- All electronic components and mechanical guides are protected against ingress of dust and water spray (protection IP 65).

- Convenient and positive operation due to the 2 mm travel keys with tactile feel.

- All buttons are freely programmable or in standard layouts available.

- Symbols in laser procedure, illumination in different colors possible.

- PCB with electronic components.

- Carbon contact-technology.

- Predestined for the work in all darkly narrow surroundings or machines and devices wich have also to work in extreme damp (even splash water) or very dusty surroundings, and many more.

Mechanical Data:

- Travel 2mm, with 0,25mm overtravel
- Operation force 0,65 N
- 24 buttons, compact layout
- Durability > 10 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:

- Ergonomic, compact illuminated button
  arrangement on the smallest area.

Electrical Data:

- Contact load + 5V / 80 mA max
- 2-key rollover
- Autorepeat
- CE-conformable
- EMC-conformable
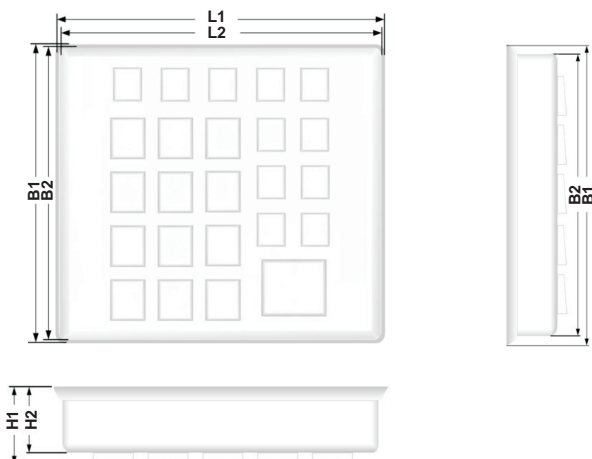- RoHS-conformable

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
- Qualitatively excellent processing

Dimensions:

L1 = 122,20mm
L2 = 120,00mm

B1 = 107,10mm
B2 = 105,10mm

H1 = 20,00mm
H2 = 17,50mm

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