

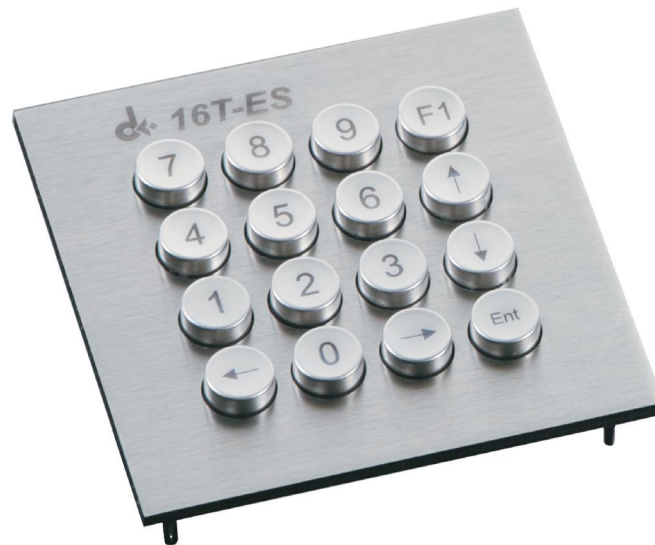
16T-ES19

stainless
steel

16T-ES19

Vandalism protected number block

- *for public surroundings*
- *extrem weather conditions*
- *and many more*



Description:

- A vandalism protected number block with 16 buttons in different layouts in very robust processing.
- Almost insensitive to violence.
- Mounting version for prepared mounting shafts.
- Explicitly for surroundings where there is danger by vandalism and/or much customer traffic and/or extrem weather conditions.
- Especially suitable for industrial extreme surroundings.

Order number for example:

notation: 16T-ES19 A2
article number: 04005A200700003EE00

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 3,25 mm travel keys with tactile feel.
- Completely in stainless steel construction 1.4301 (buttons, front plate with 3 mm strength).
- Key labelling in laser procedure.
- PCB with electronic components or as a matrix version.
- Carbon contact-technology.
- Predestined for the work in public terminals, in machines and devices wich have to work in extreme damp (even splash water) or very dusty surroundings, and many more.

**DS Keyboard
Technic GmbH**

Development
Production
Distribution

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

Mechanical Data:

- Travel 3,25 mm, tactile feel
- Operation force 0,65 N
- 16 buttons, compact layout
- Durability > 10 million ops.
- Storage temperature -40°C - +70°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:

- DIN, PS/2, USB
- Cable straight or spiral-shaped
- Cable length 1,5 m
- Other length are possible

Detail views:

- Ergonomic, compact 15mm button arrangement on the smallest area.



Electrical Data:

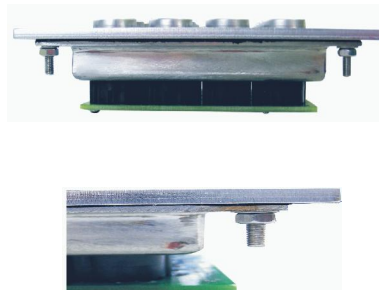
- Power supply + 5 V/DC, 50 mA
- 2-key roll over
- Autorepeat
- 16k EEPROM memory
- CE-conformable
- EMC-conformable
- RoHS-conformable

Principle:

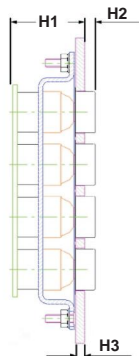
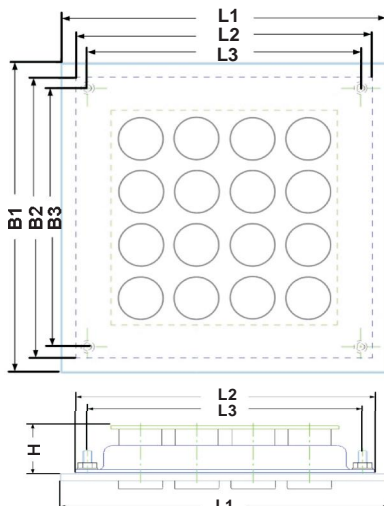
- Contact by a silicon switch map with carbon contacts.

Use Possibilities:

- Extreme damp (even splash water) surroundings
 - Very dusty surroundings
 - Test- and measurement systems
 - Machine- and device construction
 - Trade and craft
 - Industry
 - Many frequented areas
 - and any more
-
- Very robust steel construction
 - Qualitatively excellent processing



Dimensions:



L1 = 110,95mm
L2 = 100,95mm
L3 = 92,95mm

B1 = 110,95mm
B2 = 100,95mm
B3 = 92,95mm

H = 20,75mm
H1 = 23,75mm
H2 = 3,50mm
H3 = 3,00mm

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

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