



CLAVIERS - PANELS PC - BOÎTIERS

# 103T-ES-TB38

***Stainless steel keyboard  
in a drawer***

**103T-ES-TB38**

stainless  
steel

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



## ***Description:***

- A vandalism protected keyboard with 103 (optional 107) buttons in different layouts in a very robust processing drawer.
- Integrated 38 mm stainless steel trackball with 2 mouse buttons.
- Drawer version with 1 HU wich can be integrated into a 19 inch framework, drawer extension with 8° angle.
- Almost insensitive to violence.
- 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: 103T-ES F USB  
article number: 08001\*\*\*

## ***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 3,20 mm travel keys with tactile feel.
- Stainless steel construction 1.4301 (buttons, keyboard front plate with 2,5 mm strength, trackball with protection IP65 static, IP56 dynamic.
- Drawer extension with ball bearing and magnet interlocking, supplied in 8° angle.
- Complete function key and numeric key bloc, all keys labelling in laser procedure.
- PCB with electronic components and 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.

**ADPZ**

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

### Mechanical Data:

- Travel 3,2 mm, tactile feel
- Operation force 0,6 N
- 103 (107) 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:

- USB
- Cable straight or spiral-shaped
- Cable length 1,5 m
- Other length are possible

### Detail views:

- Ergonomic, compact 15mm button arrangement include 38mm trackball.



### 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 pad with carbon contacts.

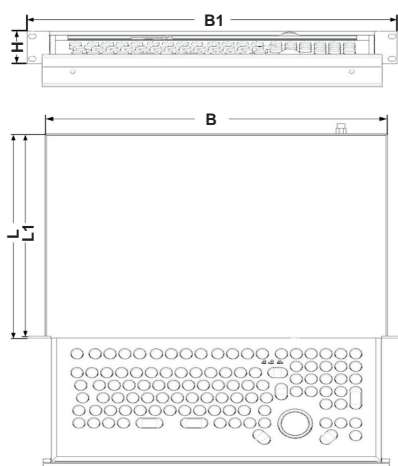
### Use Possibilities:

- Extreme damp (even splash water) surroundings
- Very dusty surroundings
- Test- and measurement systems
- Machine- and device construction
- Trade and craft
- Industry
- Many freequented areas
- and any more

- Very robust steel construction
- Qualitatively excellent processing



### Dimensions:



L = 306,20mm  
L1 = 303,20mm  
L2 = 185,83mm  
B = 439,00mm  
B1 = 482,60mm  
H = 44,20mm  
A1 = 8°

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

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