

# DS 102 W 6HE

## *The dust and splashproof evolution*

- *for extreme damp surroundings*
- *very dusty surroundings*
- *very hot surroundings*



### **Description:**

- The DS 102 W 6HU can be integrated to operate into a 19" rack for the vertical installation. This is possible about the especially height of 6 height units (6HU).
- In the 6HU can be integrated all our DS 102 W keyboards with all its features, also the HL version with back-light buttons.
- Also can be integrated a keyboard with finger mouse, so that external pointing devices like mouse or track ball are not necessary.
- The keyboard is well proven for use in harsh industrial environments.
- Full dust and splash proofing combined with extreme scratch resistance are the characteristics of this keyboard.

### **Order number for example:**

**notation:** DS 102 W E PS2 19 inch 6HU  
**article number:** 105027201A1503SA00

### **Features:**

- Complete protection of the electronic components, all contacts and mechanic guide elements against dust and water splashes (protection IP65).
- Designed for industrial use even under some of the most hostile environments.
- Ergonomically designed compact shape.
- Convenient and positive operation due to the 3.25 mm travel keys with tactile feel.
- Ergonomically designed keyboard with 102 keys.
- Double-shot moulded key tops with the standard keyboards, anti-glare and wear-resistant.
- Elongated holes in the front plate for optimal installation.
- LED-indicators for display of standardize operation modes.

ADPZ

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### Mechanical Data:

- Travel 3,25 mm, tactile feel
- Operation force 0,65 N
- 102 buttons, compact layout
- Durability > 10 million ops.
- Storage temperature -40°C - +70°C
- Operation temperature 0°C - +60°C (optimal -20°C - +60°C)
- Protection IP65

### Electrical Data:

- Power supply + 5 V/DC, 30mA (440 HL)
- Bidirectional serial output in IBM format
- 2-key-roll-over
- Autorepeat
- CE-conformable
- EMC-conformable
- RoHS-conformable

### Layouts:

- All country 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 key arrangement in a 19 inch front plate for relaxed work.

### Principle:

- Contact by a silicon switch pad with carbon contacts.

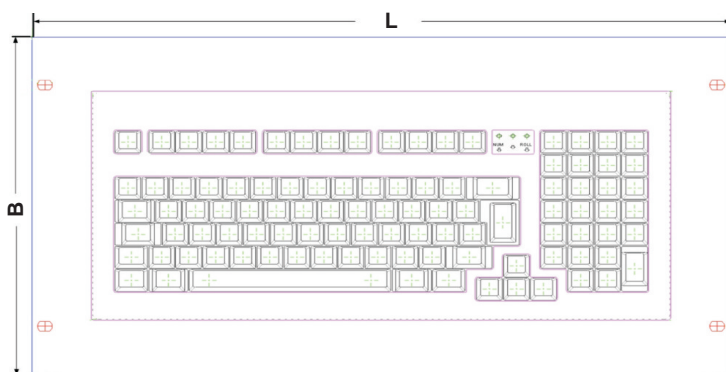
### Use Possibilities:

- Extreme damp (even splash water) surroundings
- Very dusty surroundings
- Very hot surroundings
- Extreme industrial surroundings
- Military vehicle installations
- Aeronautics
- Navigation Systems
- and any more

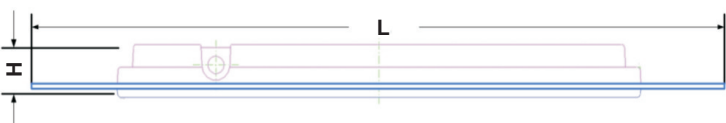
- Elongated holes for optimal installation
- Very compact, flat style



### Dimensions:



L = 465,00mm  
B = 265,90mm  
H = 40,40mm  
H1 = 42,20mm



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

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6HE

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