

# DS 102 W

## *The dust and splashproof evolution*

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

### DS 102 W drawer



#### **Description:**

- The DS 102 W drawer can be integrated into a 19 inch framework. The high unit amounts only 1 HU and is therefore a very special space-saving variant.
- In the drawer can be all our DS 102 W keyboards with all its features integrated, 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.

#### **Features:**

- Complete protection of the electronic components, all contacts and mechanic guide elements against dust and water splashes (protection IP65).
- Drawer with excellent sliding action, 3 lock in positions 0° - 15° - 30°, fixed locking in end position.
- Recessed grip and frontplate are in nature eloxal quality.
- 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.
- Double-shot moulded key tops, anti-glare and wear-resistant.
- LED-indicators for display of standardize operation modes.

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

notation: DS 102 W M US M PS2-SubD9  
article number: 10508611A1008SA00

ADPZ

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### Mechanical Data:

- Travel 3,25 mm, tactile feel
- Operation force 0,65 N
- 102 buttons, compact layout
- Total height 30 mm at row there
- Durability > 10 million ops.
- Storage temperature -40°C - +70°C
- Operation temperature 0°C - +60°C (optimal -20°C - +60°C)
- Protection IP65

### Layouts:

- All country variants are possible.

### Variants:

- Custom-designed variants are possible. (see our web-site)

### Connecting-Variants:

- DIN-SubD9, PS/2-PS/2, USB  
DIN, PS/2
- Cable straight or spiral-shaped
- Cable length 1,5 m
- Other length are possible

### Detail Views:

- Ergonomic, compact button arrangement on the smallest area.



### 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

### Principle:

- Contact by a silicon switch pad with carbon contacts.

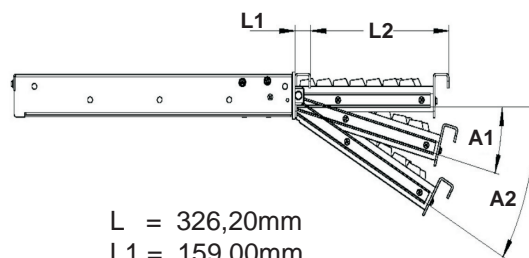
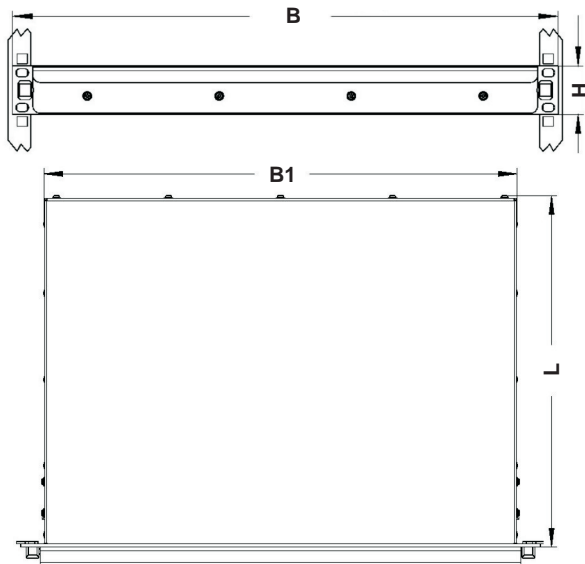
### Use Possibilities:

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

- Very compact, flat style
- Qualitatively excellent processing



### Dimensions:



L = 326,20mm  
L1 = 159,00mm  
L2 = 16,00mm  
B = 482,60mm (19")  
B1 = 439,40mm  
H = 40,40mm  
A1 = 15°  
A2 = 30°

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

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