

## Specification Text - Enclosure, Aluminium

**45 mm x 50 mm x 30 mm ... 230 mm x 280 mm x 111 mm (Hight x Width x Depth)**

### Specification Text short:

Manufacturer: Weidmüller  
Brand: Klippon®  
Type: Terminal box, junction box, distribution box  
Enclosure range: Klippon K  
Material: Aluminium AlSi12  
Lid: 4x captive fixing screws (Torx-Slot)  
Ambient temperatures:  $-40\text{ °C} \leq T_{amb} \leq +85\text{ °C}$  (DIN EN 62208), including aging cycles

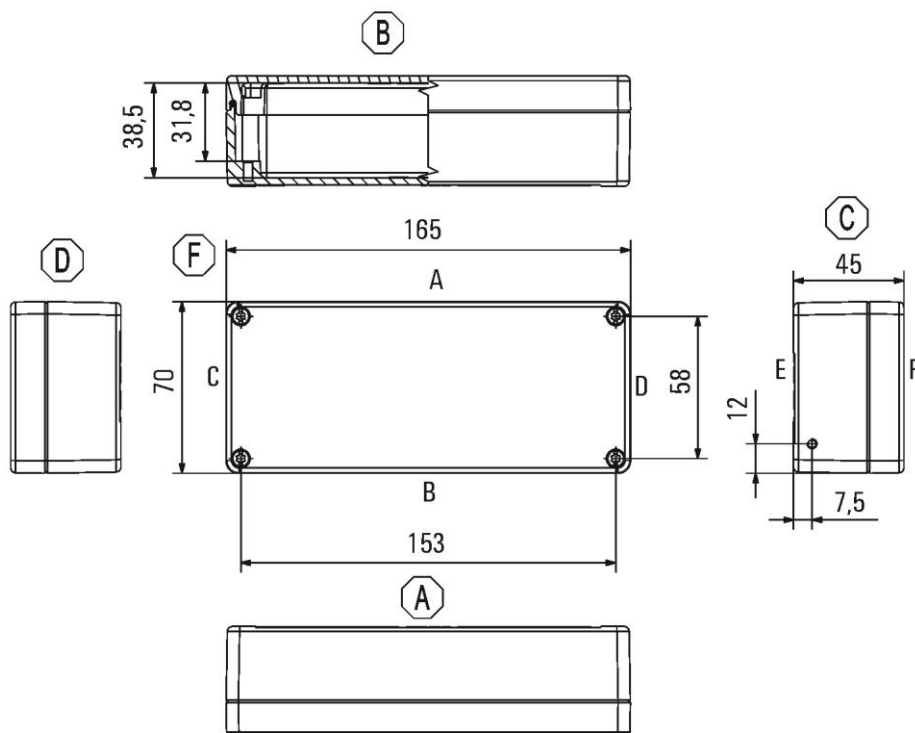
### Specification Text long:

Manufacturer: Weidmüller  
Brand: Klippon®  
Type: Terminal box, junction box, distribution box  
Enclosure range: Klippon K  
Description: Klippon K3  
Article number: 0342200000  
Material: Aluminium AlSi12  
Manufacturing process: Die-cast aluminum.  
Wall thickness: Enclosure base  $\geq 3\text{ mm}$ , Draft angle 1 to 2 ° / lid 3 mm  
IP / NEMA Rating: IP66, IP 67, IP 68 (EN 62208, DIN EN 60529) / NEMA 4, 4X (UL 50E, CSA C22.2)  
Surface: Natural  
Dimensions (H x W x D): 70 mm x 165 mm x 45 mm  
Lid: 4x captive fixing screws (Torx-Slot)  
Sealing for lid: Single (non-jointed) chloropren O-ring with compression control, to prevent damage to the sealing gasket  
Earth bolt: Internal: Srew connection / External: As option  
Enclosure attachment: 4x captive fixing screws (Torx-Slot)  
Ambient temperatures:  $-40\text{ °C} \leq T_{amb} \leq +85\text{ °C}$  (DIN EN 62208)  
Impact resistance: IK 09 (10 J) (DIN EN 50102)

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Klippon K3



### Options:

Label fixing sets:

Stainless steel V4A / 316L / 1.4404, screwed or fixed by rivets. Punched silicon gasket with compression control for the label and its silicon gasket, to ensure the IP rating.

Mounting plates:

Galvanized sheet steel

Earth bolt:

Internal / external: M10 of stainless steel V4A / 316L / 1.4404 or M10 of brass or M6 of stainless steel V4A / 316L / 1.4404 or M6 of brass

Assembly of terminals:

All terminal blocks of type Klippon® Connect. All DIN rails vertical mounting, horizontal mounting as option. Terminal marker horizontal. Hazardous areas: All terminals for intrinsically safe circuits are colored blue, for non-intrinsically safe circuits are colored dark beige. On request: Assembly with control stations (switches, push buttons, lights, indicators).

Certifications:

For assembled resp. empty enclosures

Russian Maritime Register of Shipping

cULus

OIT Certification, Russia, Non-Containment, industrial applications

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