

## 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), hinge as option         |
| Ambient temperatures: | -40 °C ≤ Tamb ≤ +85 °C (DIN EN 62208), including aging cycles |

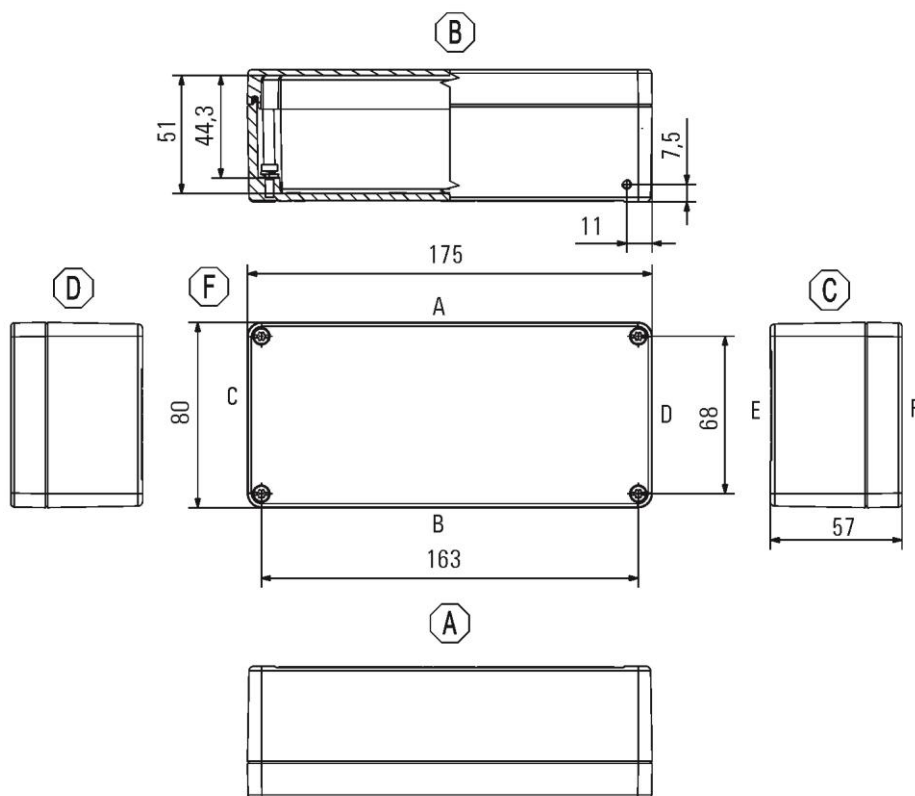
### Specification Text long:

|                         |                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| Manufacturer:           | Weidmüller                                                                                               |
| Brand:                  | Klippon®                                                                                                 |
| Type:                   | Terminal box, junction box, distribution box                                                             |
| Enclosure range:        | Klippon K                                                                                                |
| Description:            | Klippon K31 RAL7001                                                                                      |
| Article number:         | 9529170000                                                                                               |
| Material:               | Aluminium AlSi12                                                                                         |
| Manufacturing process:  | Die-cast aluminum.                                                                                       |
| Wall thickness:         | Enclosure base ≥ 3 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:                | Powder coated (RAL 7001)                                                                                 |
| Dimensions (H x W x D): | 80 mm x 175 mm x 57 mm                                                                                   |
| Lid:                    | 4x captive fixing screws (Torx-Slot), hinge as option                                                    |
| 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 °C ≤ Tamb ≤ +85 °C (DIN EN 62208)                                                                    |
| Impact resistance:      | IK 09 (10 J) (DIN EN 50102)                                                                              |

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Klippon K31



### 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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