

Technical Description Terminal Boxes

Standard Design SL-KK Protection class IP69K

Terminal boxes

Material: Stainless steel 1.4301, AISI 304
Stainless steel 1.4404, AISI 316L (V4A)
Stainless steel 1.4571, AISI 316Ti (V4A)

Material thickness: The material thickness is chosen from 1.25mm

BL-KK 101006 (HxWxD) 100x100x60mm / t=1.25mm
BL-KK 406016 (HxWxD) 400x600x160mm / t=1.25mm

Areas of use: Our terminal boxes can be used in different areas:
Inside and outside, ex-area, offshore, railway, automotive

Temperature areas: -20°C to +90°C

Protection class: IP69K

Inspections/certificates: Protection class tests IP69K,
ATEX-certified terminal boxes and terminal boxes with hinges with EX-protection, ExLine housing are available with IECEx-approval as well
(See - steeldesign.de/downloads-zertifikate)

Construction-features: The lid is supported on the IP69K body 2 mm towards the inside: Knife edge seal WITHOUT gap to deflect the jet from the seal, for all housing sizes

Closing: Welded-on multifunction nuts
Screw connection with recessed screws and conical insertion that are applied outside of the sealing space

Option: Additional stainless steel hinge, closure is still performed by screws

Wall attachment: IP66: Attachment bore diameter 7mm
IP69K: Housing without attachment bore

Optional:
Attachment is performed via welded-on wall tabs with attachment bore
(please indicate in your order)

Protection/safety: Grounding set M6x12, DIN EN 60439-1:1994

Seal: Silicone seal 8x12mm

Installations/accessories: Assembly angle welded on as stainless steel

Surface: polished, grain size 240

