

Technical Description Terminal Boxes

Standard Design Protection Type up to IP68

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:	IP68
Inspections/ certificates:	Protection class tests IP68 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 IP68 body 2 mm towards the inside: Protection against ingressing water/dust, knife edge seal without gap 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 IP67/IP68: 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 7x10mm
Installations/ Accessories:	Assembly angle welded on as stainless steel
Surface:	polished, grain size 240

