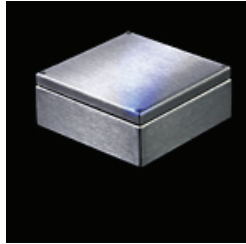


Technical Description Terminal Boxes

SL-KK Protection class IP69K

Material:	Stainless steel 1.4301, AISI 304 Stainless steel 1.4404, AISI 316L (V4A) Stainless steel 1.4571, AISI 316T (V4A) Optional: Other material on request	
Material thickness:	1.25mm to 5mm	
Areas of use:	Our terminal boxes can be used in different areas: Inside and outside, ex-area, offshore, railway, automotive	
Temperature areas:	-40°C to +120°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: 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 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:	A seal of the corresponding materials for the desired area of application and protection class is selected: Silicone seal 8x12mm and EMC (additional sealing materials can be produced on request)	
Installations/ accessories:	Housing solutions can be individually prefabricated and equipped according to your wishes: Assembly plate, serial terminals, wall tab set, flange plate, sight glass, accessories of stainless steel Furthermore, the housings can be produced with punched sheets and cut-outs as well, depending on customer requirements	
Surface:	The following surfaces can be offered: Ground grain size 240 and grain size 320, powder-coated or painted pursuant to RAL, polished, electropolished, satinated, glass-pearl-blasted, CleanLine (nano-print), laser-labelled, embossing, screen print and engraving (additional surfaces can be produced on request)	