## SIEMENS

## Data sheet

## 6AV6881-0AU14-1DB0

USB keyboard INT, KV27610 INOX with IP67 USB plug type A, including protective cover, tamper-proof desktop keyboard for devices with corresponding interface, keyboard shelf with mounting option more information, quantity and content: see technical specifications



Figure similar

General information	
Product type designation	USB keyboard international US
Control elements	
Version of actuating element	Long-stroke key with 2 mm contact travel
Operating principle of the actuating element	Carbon pellet on gold-plated PCB
Input device	
Scroll wheel	No; Cursor control possible, left and right mouse button
Movement tracking	Capacitive touchpad
Keyboard fonts	
• Design	Keyboard with long-stroke keys
<ul> <li>Keyboard assignment</li> </ul>	86 (International QWERTY, US version)
Color of the buttons	Stainless steel
<ul> <li>Color of the key inscription</li> </ul>	Black, laser-inscribed
<ul> <li>Key illumination</li> </ul>	No
<ul> <li>Function keys</li> </ul>	Yes
<ul> <li>— Number of function keys</li> </ul>	12
<ul> <li>— Number of function keys with LEDs</li> </ul>	0
— Programmable	No
Number pad	Yes; Integrated into key layout
<ul> <li>status LED displays</li> </ul>	Yes; Num, FN, Shift, Scroll lock
— for number pad	Yes
— for Shift keys	Yes
Connection type	
• USB	Yes; USB 2.0 type A
• PS/2	No
Cable length	0 m; See cable length
Frame size/design	
Standard	Yes; For industrial applications
Installation type/mounting	
Mounting	Desktop, PRO support arm, drawer
Mounting type	Suitable for PRO devices
Supply voltage	
Rated value (DC)	5 V; 4.35 V to 5.25 V (USB)
Input current	
Current consumption (rated value)	55 mA; including touchpad and LED
Battery	
Battery-operated	No; maintenance-free
Interfaces	
Number of USB interfaces	1; USB 2.0 (IP67 plug enclosure)

	EMC	
Emission of radio interference acc. to EN 55 011		
Limit class A, for use in industrial areas	Yes; EN 55022, EN 55024	
Degree and class of protection		
IP (all-round)	IP65	
IP (at the front)	USB plug, meets IP67 with screws, if only inserted then without IP	
Standards, approvals, certificates		
CE mark	Yes	
UL approval	Yes; Available soon	
cULus	Yes; Available soon	
EAC (formerly Gost-R)	Yes; Available soon	
000	No; not necessary	
BIS	No; required for export to India	
RoHS conformity	Yes	
China RoHS compliance	Yes; Available soon	
Suitable for safety functions	No	
Ambient conditions		
Suited for indoor use	Yes	
Suited for outdoor use	No; > 0 °C possible under certain conditions	
Ambient temperature during operation		
• min.	0°0	
• max.	60 °C	
Ambient temperature during storage/transportation		
• min.	-25 °C	
• max.	85 °C	
Relative humidity		
<ul> <li>Operation, max.</li> </ul>	80 %; no condensation	
Condensation permissible	No	
Operating systems		
Runs under operating system		
Windows CE	Yes	
Windows Vista	Yes	
Windows XP	Yes	
Windows 7	Yes	
Windows 8	Yes	
Windows 10	Yes	
Cables		
Cable length	0.4 m; USB	
Mechanics/material		
Material		
Stainless steel		
	Yes; Front stainless steel AISI 304	
Enclosure material (rear)	aluminum	
Enclosure material (rear) Material of the front ring		
	aluminum	
Material of the front ring Enclosure color (front) Enclosure color (rear)	aluminum Generally silicone-free PORON seal	
Material of the front ring Enclosure color (front) Enclosure color (rear) Torques/forces	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint	
Material of the front ring Enclosure color (front) Enclosure color (rear) Torques/forces • Breakdown torque	aluminum Generally silicone-free PORON seal INOX AISI 304	
Material of the front ring Enclosure color (front) Enclosure color (rear) Torques/forces • Breakdown torque Service life	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N	
Material of the front ring Enclosure color (front) Enclosure color (rear) Torques/forces • Breakdown torque Service life • Number of operating cycles, keys	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint	
Material of the front ring Enclosure color (front) Enclosure color (rear) Torques/forces • Breakdown torque Service life • Number of operating cycles, keys Dimensions	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N 20 000 000; Operations (minimum)	
Material of the front ring Enclosure color (front) Enclosure color (rear) Torques/forces • Breakdown torque Service life • Number of operating cycles, keys	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N 20 000 000; Operations (minimum) 369 mm	
Material of the front ring Enclosure color (front) Enclosure color (rear) Torques/forces • Breakdown torque Service life • Number of operating cycles, keys Dimensions Width Height	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N 20 000 000; Operations (minimum) 369 mm 18 mm	
Material of the front ring         Enclosure color (front)         Enclosure color (rear)         Torques/forces         • Breakdown torque         Service life         • Number of operating cycles, keys         Dimensions         Width         Height         Depth	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N 20 000 000; Operations (minimum) 369 mm	
Material of the front ring Enclosure color (front) Enclosure color (rear) Torques/forces • Breakdown torque Service life • Number of operating cycles, keys Dimensions Width Height	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N 20 000 000; Operations (minimum) 369 mm 18 mm	
Material of the front ring         Enclosure color (front)         Enclosure color (rear)         Torques/forces         • Breakdown torque         Service life         • Number of operating cycles, keys         Dimensions         Width         Height         Depth	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N 20 000 000; Operations (minimum) 369 mm 18 mm	
Material of the front ring Enclosure color (front) Enclosure color (rear) Torques/forces • Breakdown torque Service life • Number of operating cycles, keys Dimensions Width Height Depth Scope of supply	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N 20 000 000; Operations (minimum) 369 mm 18 mm 130 mm; Without cable outlet (with + 3 cm)	
Material of the front ring         Enclosure color (front)         Enclosure color (rear)         Torques/forces         • Breakdown torque         Service life         • Number of operating cycles, keys         Dimensions         Width         Height         Depth         Scope of supply         Delivery quantity in pieces	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N 20 000 000; Operations (minimum) 369 mm 18 mm 130 mm; Without cable outlet (with + 3 cm)	
Material of the front ring         Enclosure color (front)         Enclosure color (rear)         Torques/forces         • Breakdown torque         Service life         • Number of operating cycles, keys         Dimensions         Width         Height         Depth         Scope of supply         Delivery quantity in pieces         Other	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N 20 000 000; Operations (minimum) 369 mm 18 mm 130 mm; Without cable outlet (with + 3 cm) 1	
Material of the front ring         Enclosure color (front)         Enclosure color (rear)         Torques/forces         • Breakdown torque         Service life         • Number of operating cycles, keys         Dimensions         Width         Height         Depth         Scope of supply         Delivery quantity in pieces         Other         printable with laser printer	aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint 1.5 N·m; Switching force buttons 1.5 N to 1.8 N 20 000 000; Operations (minimum) 369 mm 18 mm 130 mm; Without cable outlet (with + 3 cm) 1 No	

Subject to change without notice © Copyright Siemens

contacting the manufacturer	Phone +49 37468 660-0, email: info@gett.de
Target devices	For SIMATIC HMI devices and IPCs with the appropriate slot
Usable in the following products	
Product 1	6AV2124-*
Product 2	6AV2125-*
Product 3	6AV2145-*
Product 4	6AV7250-*
Product 5	6AV7251-*
Product 6	6AV7863-7*
Product 7	6AV2128-3*
Product 8	6AV6642-0BD01-3AX0
Product 9	6AV6642-0BC01-1AX1
Product 10	6AV6642-0DC01-1AX0
Product 11	6AV6642-0DA01-1AX0
Product 12	6AV6642-0EA01-3AX0
Product 13	6AV6545-0CC10-0AX0
Product 14	6AV6545-0AH10-0AX*
Product 15	6AV6545-0DA10-0AX0
Product 16	6AV6545-0DB10-0AX0
Product 17	6AV6643-*
Product 18	6AV6644-*
Product 19	6AV7863*
Product 20	6AV2123-2*
Product 21	6AV7862-2BC*
Product 22	6AV7862-2BD*
Product 23	6AV7862-2BE*
Product 24	6AV7862-2BF*

last modified:

8/2/2023 🖸