SIEMENS

Data sheet 6AV6881-0AU14-0DB0

USB stainless steel keyboard, German layout, IP65, USB 2.0 plug type A with IP67, tamper-proof, keyboard shelf with mounting option, scope of supply: 1 keyboard including mounting accessories



General information	
Product type designation	USB keyboard GERMAN
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	
● Design	Keyboard with long-stroke keys
● Keyboard assignment	86 (Germany QWERTZ)
● Color of the buttons	Stainless steel
● Color of the key inscription	Black, laser-inscribed
● Key illumination	No
● Function keys	Yes
— Number of function keys	12
— Number of function keys with LEDs	0
— Programmable	No
● Number pad	Yes; Integrated into key layout
● status LED displays	Yes; Num, FN, Shift, Scroll lock
— for number pad	Yes
— for Shift keys	Yes
● Multi-key operation	
— 2-key rollover	Yes; 1 finger, slow typing, robust industry standard
— n-key rollover	No
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	

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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
UKCA mark	Yes
UL approval	No
cULus	No
KC approval	Yes
EAC (formerly Gost-R)	Yes; in preparation
CCC	No; not necessary
BIS	No; required for export to India
RoHS conformity	Yes
China RoHS compliance	Yes; in preparation
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 °C
● max.	60 °C
Ambient temperature during storage/transportation	
● min.	-25 °C
● max.	85 °C
Relative humidity	
● Operation, max.	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
Material of the front ring	Generally silicone-free PORON seal
Enclosure color (front)	INOX AISI 304
Enclosure color (rear)	Aluminum paint
Torques/forces	
● Breakdown torque	1.5 N·m; Switching force buttons 1.5 N to 1.8 N
Service life	
● Number of operating cycles, keys	20 000 000; Operations (minimum)
Dimensions	
Width	369 mm
Height	18 mm
Depth	130 mm; Without cable outlet (with + 3 cm)

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Scope of supply	
Delivery quantity in pieces	1

Other	
printable with laser printer	No
Merchandise	Yes; GETT KV25605 / VES001681
Manufacturer name	GETT Gerätetechnik GmbH
Manufacturer's address	Mittlerer Ring 1, 08233 Treuen (Vogtland), Germany
contacting the manufacturer	Phone +49 37468 660-0, email: info@gett.de
Target devices	For SIMATIC HMI devices and IPCs with the appropriate slot

Classifications

	Version	Classification
eClass	16	27-33-02-92
eClass	14	27-33-02-92
eClass	12	27-33-02-92
eClass	9.1	27-33-02-92
eClass	9	27-33-02-92
eClass	8	27-24-92-03
eClass	7.1	27-24-92-03
eClass	6	27-24-92-03
ETIM	10	EC002584
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval			Environment
Declaration of Conformity	UL	KC	Environmental Confirmations

Further information

Usable in the following products: Detailed information can be found in the cross-list, which is available for download in the following SIOS note: 40466415

https://www.hmitop.com/?s=6AV6881-0AU14-0DB0

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