SIEMENS

Data sheet 6AV6881-0AU14-1DB0

USB stainless steel keyboard, international 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 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	
● Design	Keyboard with long-stroke keys
● Keyboard assignment	86 (International QWERTY, US version)
● 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	Yes; in preparation
cULus	Yes; in preparation
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 KV27610 / 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	UKCA	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.plcbin.com/?s=6AV6881-0AU14-1DB0

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