

USB plastic keyboard, German layout, IP68, cable with plug type A, color: black, scope of supply: 1 keyboard



General information	
Product type designation	USB keyboard GERMAN
Control elements	
Version of actuating element	Long-stroke key with 4 mm contact travel
Operating principle of the actuating element	Keyboard with long-stroke keys with membrane switching contacts
Input device	
• Scroll wheel	No
• Movement tracking	none
Keyboard	
• Design	Keyboard with long-stroke keys
• Keyboard assignment	105 keys, German layout
• Color of the buttons	Black
• Color of the key inscription	White
• Key illumination	No
• Function keys	Yes
— Number of function keys	12
— Number of function keys with LEDs	0
— Programmable	No
• Number pad	Yes; Free-standing
• status LED displays	Yes; Num, Caps and Scroll
— for number pad	Yes
— for Shift keys	Yes
• Multi-key operation	No
— 2-key rollover	No
— n-key rollover	Yes; 10 finger system, quick typing possible
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
Mounting type	none
Supply voltage	
Rated value (DC)	5 V; via USB
Battery	
Battery-operated	No; maintenance-free
Interfaces	

Number of USB interfaces	1; USB 2.0
EMC	
Emission of radio interference acc. to EN 55 011	
Limit class B, for use in residential areas	Yes; Compliance with EN 55032 Class B limit values; interference emission: EN 55016-2-3:2014-11 (30 MHz to 6 GHz) and interference immunity EN 61000-4-2,3,4 passed
Degree and class of protection	
IP (all-round)	IP68 all-round and dishwasher safe
IP (at the front)	USB connector without degree of protection
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes; cUL
cULus	Yes; cUL
KC approval	Yes
EAC (formerly Gost-R)	Yes
BIS	No; required for export to India
RoHS conformity	Yes
Suitable for safety functions	No
Ambient conditions	
Suited for indoor use	Yes
Suited for outdoor use	No; possible under certain conditions
Ambient temperature during operation	
min.	0 °C
max.	70 °C
Ambient temperature during storage/transportation	
min.	-20 °C
max.	60 °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	1.5 m; USB
Mechanics/material	
Material	
plastic	Yes; Black
Enclosure material (front)	
plastic	Yes; ABS with antimicrobial coating
Enclosure color (front)	Black
Enclosure color (rear)	Black
Torques/forces	
Breakdown torque	0.53 N·m; Switching force buttons
Service life	
Number of operating cycles, keys	10 000 000; Operations (minimum)
Dimensions	
Width	459 mm
Height	35 mm
Depth	174 mm
Weights	
Weight (without packaging)	800 g
Weight (with packaging)	1 620 g
Scope of supply	

Delivery quantity in pieces	1
Other	
printable with laser printer	No
Merchandise	Yes; GETT TKL-105
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
Note:	corresponds to KL24604

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	other

[Declaration of Con-
formity](#)



[Miscellaneous](#)



[Miscellaneous](#)

Environment

[Environmental Con-
firmations](#)

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://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&lc=en-WW>

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