SIEMENS

Data sheet   **6AV2133-5GA00-0AA0**

Starter kit Mobile Panel Consisting of: 1x KTP700F Mobile, 1x connection box Standard, 1x connecting cable 2 m, 1x wall holder, 1x WinCC Comfort (TIA Portal)

General information	
Product type designation	KTF700F Mobile
Display	
Design of display	TFT
Screen diagonal	7 in
Color display	Yes
Number of colors	16 777 216
Resolution (pixels)	
● Horizontal image resolution	800 pixel
● Vertical image resolution	480 pixel
Control elements	
Keyboard fonts	
● Function keys	
— Number of function keys	8
● Keys with LED	Yes
● Numeric keyboard	Yes; Onscreen keyboard
● alphanumeric keyboard	Yes; Onscreen keyboard
Touch operation	
● Design as touch screen	Yes
Special operator controls	
● Stop button (forced blocking)	No
● Emergency stop button (illuminated and forced blocking)	Yes
● Acknowledgement button (3-stage)	Yes
● Key-operated switch	Yes
● Illuminated pushbutton	Yes
Camera	
● integrated camera	No
Supply voltage	
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Memory	
Memory available for user data	12 Mbyte
Interfaces	
Number of industrial Ethernet interfaces	1
Number of PROFINET interfaces	1
Number of RS 485 interfaces	0

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Number of RS 422 interfaces	0
Number of RS 232 interfaces	0
Number of USB interfaces	1; USB 2.0
Number of wireless interfaces	0
Number of SD card slots	1
Protocols	
PROFINET	Yes
Supports protocol for PROFINET IO	Yes
PROFIsafe	Yes
PROFIBUS	No
EtherNet/IP	Yes
MPI	No
Protocols (Ethernet)	
● TCP/IP	Yes
● DHCP	Yes
● SNMP	Yes
● DCP	Yes
● LLDP	Yes
Further protocols	
● MODBUS	Yes
Interrupts/diagnostics/status information	
Diagnoses	
● Diagnostic information readable	Yes
Degree and class of protection	
IP65 (all-round)	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
Suitable for safety functions	Yes
Highest safety class achievable in safety mode	
● Performance level according to ISO 13849-1	PLe
● SIL acc. to IEC 61508	Up to SIL 3
Ambient conditions	
Free fall	
● Fall height, max.	1.2 m
Ambient temperature during operation	
● min.	0 °C
● max.	45 °C
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