



SIMATIC HMI, KTP900 BASIC, BASIC PANEL,
KEY AND TOUCH OPERATION,
9" TFT DISPLAY, 65536 COLORS,
PROFINET INTERFACE,
CONFIGURATION FROM WINCC BASIC V13/ STEP7
BASIC V13,
CONTAINS OPEN SOURCE SW WHICH IS PROVIDED
FREE OF CHARGE FOR DETAILS SEE CD

Display	
Screen diagonal	9 in
Display width	198 mm
Display height	111.7 mm
Number of colors	65536
Resolution (pixels)	
Horizontal image resolution	800
Vertical image resolution	480
Backlighting	
MTBF backlighting (at 25 °C)	20000 h
Dimmable backlight	Yes
Control elements	
Keyboard fonts	
Number of function keys	8
Keys with LED	No
System keys	No
Numeric/alphabetical input	
Numeric keyboard	Yes ; Onscreen keyboard
Alphanumeric keyboard	Yes ; Onscreen keyboard

Touch operation	
Design as touch screen	Yes
Installation type/mounting	
Mounting in portrait format possible	Yes
Mounting in landscape format possible	Yes
Supply voltage	
Type of supply voltage	24 V DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption (rated value)	230 mA
Inrush current A ² s	0.2 A ² s
Power	
Power consumption, typ.	5.5 W
Processor	
Processor type	
X86	No
ARM	Yes
Memory	
Flash	Yes
RAM	Yes
Usable memory for user data	10 Mbyte
Type of output	
Acoustics	
Buzzer	Yes
Speaker	No
Time of day	
Clock	
Hardware clock (real-time clock)	Yes
Software clock	Yes
Battery-backed	Yes
Synchronizable	Yes
Interfaces	
Number of RS 485 interfaces	0
Number of USB interfaces	1
Number of SD card slots	0
Number of parallel interfaces	0

Number of 20 mA interfaces (TTY)	0
Number of RS 232 interfaces	0
Number of RS 422 interfaces	0
Number of other interfaces	0
With software interfaces	No
Industrial Ethernet	
Number of industrial Ethernet interfaces	1
Industrial Ethernet status LED	2
Protocols	
PROFINET	Yes
Supports protocol for PROFINET IO	No
IRT supported	No
PROFIBUS	No
MPI	No
Protocols (Ethernet)	
TCP/IP	Yes
DHCP	Yes
SNMP	Yes
DCP	Yes
LLDP	Yes
WEB characteristics	
HTTP	No
HTML	No
Further protocols	
CAN	No
MODBUS	Yes ; Modicon (MODBUS TCP/IP)
Supports protocol for EtherNet/IP	Yes
Interrupts/diagnostics/status information	
Diagnostic messages	
Diagnostic information readable	No
EMC	
Emission of radio interference acc. to EN 55 011	
Emission of radio interferences acc. to EN 55 011 (limit class A)	Yes
Emission of radio interference acc. to EN 55 011 (limit class B)	No
Degree and class of protection	
Enclosure Type 4 at the front	Yes
Enclosure type 4x at the front	Yes