

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

6AV6645-0BE02-0AX0

Siemens official documentation for the exact article number.

Source: 6AV6645-0BE02-0AX0.pdf

Selected official Siemens pages follow this cover.

SIEMENS

Product data sheet

6AV6645-0BE02-0AX0

SIMATIC MOBILE PANEL 277 10" W. INTEGRATED
ENABLING BUTTON,
STOP BUTTON AND TOUCH,
CONFIGURABLE WITH WINCC FLEXIBLE
STANDARD VERSION 2008 AND HIGHER



General information	
Customer-specific configuration	Yes
Display	
Design of display	TFT
Screen diagonal	10.4 in
Size	10.4"
Display type	TFT, 65536 colors
Number of greyscales	65536
Color type	Colors
Resolution (pixels)	
Horizontal image resolution	800
Vertical image resolution	600
Resolution (WxH in pixel)	800 x 600
Backlighting	
MTBF backlighting (at 25 °C)	about 50,000 hours

Control elements	
Operating mode	
Operating options	Touch
Function keys, programmable	none
Connection for mouse/keyboard/barcode reader	USB / USB / USB
Keyboard fonts	
Keys with LED	No
freely inscribable membrane keys	No
Number of function keys with LEDs	0
Multi-key operation	No
Number of multi-key operations	0
Number of configurable system keys	0
System keys	Yes
Numeric/alphabetical input	Yes / Yes
hexadecimal keyboard	Yes
Touch operation	
Touch screen	Analog, resistive
Touch screen (analog/resistive)	Yes
Special operator controls	
Illuminated pushbutton	No
Handwheel	No
Supply voltage	
Supply voltage	via connection box, DC
Design of electrical connection, plug-in connection	1
Processor	
Processor	ARM, 520
Processor type	ARM
Memory	
Type	Flash / RAM
Usable memory for user data	6 MB usable memory for user data
Time of day	
Clock	
Type	Hardware clock, battery backup, synchronizable

Interfaces	
Interfaces	1 x RS422, 1 x RS485, 1 x Ethernet (RJ45) (max. 12 Mbit/s)
Number of RS 485 interfaces	1
Transmission rate, max.	12 Mbit/s
USB port	1 x USB
Multimedia card/SD card slot	combined
Number of parallel interfaces	0
Industrial Ethernet	
Industrial Ethernet interface	1 x Ethernet (RJ45)
Protocols	
Protocols (Ethernet)	
TCP/IP	Yes
Further protocols	
PROFIBUS	Yes
MPI	Yes
AS-i	No
CAN	No
INTERBUS	No
MODBUS	Yes
Data highway	No
DeviceNet	No
Local Operating Network	No
SUCOnet	No
other bus systems	Yes
Ambient conditions	
Drop height	1 m
Operating temperature	
Operation	0 °C to +40 °C
Storage/transport temperature	
Transport, storage	-20 °C to +60 °C
Relative humidity	
max. relative humidity	80 %
Degree and class of protection	

IP65 enclosure	Yes
Standards, approvals, certificates	
Certifications	CE, cULus, C-TICK, SIBE
Safety category according to EN954-1	Safety category according to EN954-1 (acknowledgment button, STOP button if present) 3
Operating systems	
Operating system	Windows CE
Configuration	
Message indicator	Yes
With alarm logging system (incl. buffer and acknowledgment)	Yes
Process value display (output)	Yes
Process value default (input) possible	Yes
Recipe administration	Yes
Configuration software	
Configuration tool	WinCC flexible Standard Version 2008 or higher (to be ordered separately)
2nd configuration kit	WinCC flexible Standard
Version	Version 2008
Configuration tool	WinCC flexible
Type	Standard
Languages	
Online languages	
Number of online/runtime languages	16
Languages	
Languages per project	32
Functionality under WinCC flexible	
Libraries	Yes
Applications/options	Internet Explorer, Sm@rtService, Sm@rtAccess
Connection point identification	Yes
Number of Visual Basic Scripts	50
Task planner	Yes
Help system	Yes
Number of characters per info text	70