MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6AV2123-2GB03-0AX0

SEVEN INCH OPERATOR PANEL

Used with the applicable SIMATIC HMI KTP700 Basic configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens technical documentation for 6AV2123-2GB03-0AX0

SIEMENS

Product data sheet 6AV2123-2GB03-0AX0



SIMATIC HMI, KTP700 BASIC, BASIC PANEL,
KEY AND TOUCH OPERATION,
7" 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	7 in
Display width	154.1 mm
Display height	85.9 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

© Copyright Siemens AG 2014

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 A²s	0.2 A²·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

© Copyright Siemens AG 2014

S7-1200	Yes
S7-1500	Yes
S7-200	Yes
S7-300/400	Yes
LOGO!	Yes
Win AC	Yes
SINUMERIK	No
SIMOTION	Yes
Allen Bradley (EtherNet/IP)	Yes
Allen Bradley (DF1)	No
Mitsubishi (MC TCP/IP)	Yes
Mitsubishi (FX)	No
OMRON (FINS TCP)	No
OMRON (LINK/Multilink)	No
Modicon (Modbus TCP/IP)	Yes
Modicon (Modbus)	No
Service tools/configuration aids	
Clean screen	Yes
Touch calibration	Yes
Backup/restore	Yes
Backup/Restore automatically	No
Simulation	Yes
Device switchover	Yes
Delta transfer	No
I/O/Options	
I/O devices	
Printer	No
Multi Media Card	No
SD card	No
USB memory	Yes
Mechanics/material	
Type of housing (front)	
Plastic	Yes
Aluminum	No
Stainless steel	No
Dimensions	
Width of the housing front	214 mm
Height of housing front	158 mm
Mounting cutout (W x H x D)	

© Copyright Siemens AG 2014

Mounting cutout, width	197 mm
Mounting cutout, height	141 mm
Device depth	39 mm
Weights	
Weight without packaging	780 g
Weight incl. packaging	990 g
Status	Apr 14, 2014

© Copyright Siemens AG 2014