Siemens SIMATIC HMI KTP700 Basic

6AV2123-2GB03-0AX0

Official product data compiled from the Siemens SiePortal technical specification and the Siemens Basic Panels 2nd Generation operating instructions.

Display, Communication and Electrical Data

Complete model	6AV2123-2GB03-0AX0
Product type	SIMATIC HMI KTP700 Basic key/touch operator panel
Display	7-inch TFT widescreen, LED backlighting, 65,536 colors
Resolution	800 x 480 pixels
Display area	154.1 x 85.9 mm
Interface	1 Industrial Ethernet / PROFINET interface
Supply voltage	24 V DC; permissible range 19.2 to 28.8 V DC
Rated current	230 mA
Active power input	Typically 5.5 W
User memory	10 Mbyte

Mechanical and Environmental Data

Front dimensions	214 x 158 mm
Mounting cutout	198 x 142 mm
Mounting depth	39 mm
Weight	780 g without packaging
Protection	Front IP65; rear IP20; front NEMA Type 4 and 4X
Operating temperature	0 to 50 C vertical; 0 to 40 C at maximum tilt angle
Storage/transport	-20 to 60 C
Engineering	WinCC Basic V13 / STEP 7 Basic V13 or supported later release

Official sources

Siemens SiePortal product record: https://sieportal.siemens.com/en-ww/products-services/detail/6AV2123-2GB03-0AX0

Siemens Basic Panels 2nd Generation Operating Instructions, document A5E33293231-AE, entry ID 90114350: https://support.industry.siemens.com/cs/document/90114350/

Direct official manual PDF: https://support.industry.siemens.com/cs/attachments/90114350/HWBasicPanels2GenUS_en-US.pdf

This two-page model-specific compilation contains only values verified on the official Siemens product specification and operating-instructions record. It does not substitute data from a similar suffix.