

SIMATIC OP5 A2

Product Data Sheet

6AV3505-1FB12

Text Operator Panel

DISPLAY FORMAT	CHARACTER HEIGHT	PROCESSOR CLOCK	CONFIGURATION FLASH MEMORY
LCD; 4 lines x 20 characters	5 mm	V25; 12 MHz	128 KB

Siemens 6AV3505-1FB12 is the SIMATIC OP5 A2 text operator panel. It provides text-based process indication and operator input for compatible legacy SIMATIC automation configurations.

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VERIFIED TECHNICAL DATA

Display format	LCD; 4 lines x 20 characters
Character height	5 mm
Processor clock	V25; 12 MHz
Configuration flash memory	128 KB
Working SRAM	128 KB
Firmware EPROM	512 KB
Keyboard allocation	24 system keys; 6 function keys; 4 softkeys
Rated supply	24 V DC
Permitted supply range	18 to 30 V DC
Transient voltage limit	35 V for 500 ms; minimum 50 s interval

ADDITIONAL PRODUCT DATA

Input current	180 mA typical; 250 mA maximum
Interface IF1	TTY / V.24
Interface IF2 for A2	RS-422/RS-485; MPI/PPI/SINEC L2-DP
Housing protection	IP65 front; IP20 rear
Operating temperature by position	0 to 45 deg C vertical; 0 to 35 deg C horizontal

DOCUMENTED USE SETTINGS

Manufacturing and Industrial Production: Industrial Manufacturing Process Control.

Food Processing and Beverage Production: Food Processing and Packaging.

Water Treatment and Wastewater Processing: Water Supply Process Management.

SYSTEM COMPATIBILITY

Use a configuration targeted to the OP5 A2 and its supported controller connection. Confirm the engineering tools and stored project available for the installed legacy system.

PRODUCT EVIDENCE

Siemens exact-article technical data, 6AV3505-1FB12