SIMATIC OP15

Product Data Sheet

6AV3515-1MA22-1AA0

OP15/C2 Operator Panel

DISPLAY TYPE	DISPLAY ARRANGEMENT	CHARACTER HEIGHT	PROCESSOR
LCD	**4 x 20 or 8 x 40 characters**	**8 mm or 4 mm; selected display format**	**V25; 12 MHz**

Siemens 6AV3515-1MA22-1AA0 is the OP15/C2 operator panel in the SIMATIC OP15 family. Its LCD supports the documented four-line by twenty-character or eight-line by forty-character format, with 8 mm or 4 mm characters respectively. A membrane keyboard provides twenty-four system keys, sixteen function keys and eight softkeys for the configured operator interface.

01 TECHNICAL DATA

Display type	LCD
Display arrangement	4 x 20 or 8 x 40 characters
Character height	8 mm or 4 mm; selected display format
Processor	V25; 12 MHz
Configuration flash memory	128 kB
SRAM working memory	128 kB
Firmware EPROM	512 kB
System keys	24
Function keys	16
Softkeys	8

Siemens OP5/OP15 Manual J31069-D0840-U001-A2-7618; OP15/C2 technical data and interface assignments.

02 ADDITIONAL PRODUCT DATA

Supply voltage	24 V DC; permissible 18 to 30 V
Typical supply current	200 mA
Maximum supply current	300 mA
Protection front / rear	IP65 / IP20
Operating ambient, vertical	0 to 45 degrees C

03 PRODUCT FUNCTION

The OP15 platform uses a V25 processor at 12 MHz, 128 kB of configuration flash memory, 128 kB of working SRAM and a 512 kB firmware EPROM. The supply is 24 V DC within an 18 to 30 V permissible range, with a typical 200 mA and maximum 300 mA current demand. The front has IP65 protection and the rear IP20; the installation orientation determines the permitted operating-temperature limit.

04 SYSTEM COMPATIBILITY

Connect the 24 V DC supply within 18 to 30 V and budget up to 300 mA. Match the panel interface and PLC protocol to the actual OP15/C2 connection configuration. Use the relevant interface pin assignment and cable instructions rather than assuming a different OP15 variant uses identical ports.

05 REFERENCE

Siemens OP5/OP15 Manual J31069-D0840-U001-A2-7618; OP15/C2 technical data and interface assignments.

AMIKON PRODUCT SUPPORT

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