

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

6FM1715-3AA20

Siemens official documentation for the exact article number.

Source: 6FM1715-3AA20.pdf

Selected official Siemens pages follow this cover.

5 Technical Data

5.1 Electrical Specifications

Electrical characteristics 5 VDC	
Voltage 5 VDC ($\pm 5\%$)	Power supplied by SIMATIC S5
Internal current consumption, 5 VDC (without encoders)	3.0 A
Maximum current for each encoder	max. 0.3 A
Fuse F2 for 5 V encoder current	1 A MT
Required input current from the encoder for each Signal (X4-X6)	5 mA
Electrical Characteristics 10 VDC	
Voltage ± 10 VDC (Command valve output X3)	Voltage is formed internally
Maximum output current	2 mA
Electrical Characteristics 24 VDC	
Voltage 24 VDC ($\pm 5\%$)	24 VDC
Inputs	5 mA
Outputs	0.4 A
Maximum current for each encoder	0.3 A
Fuse F1 for 24 VDC encoder current	2 A T
Required input current from encoder for each channel (X8-X10)	5 mA
Frequency limit encoder input (before multiplication by four)	200 kHz
Fast cam outputs (not short circuit proof)	0.1 A
Electrical Characteristics Analog input	
Connection voltage:	0-24 VDC/40 VDC/60 VDC (6FM1 715-3AA00) 0-10 VDC/24 VDC/40 VDC(20 mA)(6FM1 715-3AA10) 0-10 VDC/24-40V DC/20 mA (6FM1 715-3AA20)

6 Ordering Data and Documentation

6.1 Ordering Data

Modules	Order No.
WF 715 Cam controller	6FM1 715-3AA20

Software-Packages for SIMATIC S5	Order No.
Standard I-715 Link of SIMATIC S5 with WF 715 Diskette 3.5" MS-DOS for 115U (CPU 943, 944) for 135U (CPU 928) for 155U (CPU 946, 947)	6FM1 715-7UA30-0AA0
Standard III-715 (STEP 5 Software) - Link of Standard I-715 with WF 470 Software for data exchange - Masks for WF 470 visualization of Standard III-715 in German language Screen masks for WF 470 (Diskette 3.5" MS-DOS) for 115U (CPU 943, 944) for 135U (CPU 928) for 155U (CPU 946, 947)	6FM1 715-8AA30-0AA0

Accessories	Order No.
Encoder Incremental encoder, to be attached (without link and clamping claws; axial cable output) 1000 Pulses/Rev. 2000 Pulses/Rev. 2500 Pulses/Rev. Internal encoders are available for 1HU- and 1FT-motors.	6FC9 320-3KA01 6FC9 320-3KK01 6FC9 320-3KN01