ALTIVAR PROCESS ATV900

Product Data Sheet

ATV930D30N4

Variable speed drive

NORMAL-DUTY POWER	HEAVY-DUTY POWER	INPUT PHASES	SUPPLY VOLTAGE
30 kW	**22 kW**	**3**	**380 to 480 V AC (-15/+10%)**

Schneider Electric ATV930D30N4 is an Altivar Process ATV900 variable speed drive for three-phase 380 to 480 V supplies. Its normal-duty rating is 30 kW with 61.5 A continuous output, while the heavy-duty rating is 22 kW with 46.3 A output. The drive combines motor control, process connectivity and local diagnostic access in a wall-mounted IP21 enclosure.

01 TECHNICAL DATA

Normal-duty power	30 kW
Heavy-duty power	22 kW
Input phases	3
Supply voltage	380 to 480 V AC (-15/+10%)
Supply frequency	50 to 60 Hz
Normal-duty output current	61.5 A at 4 kHz
Heavy-duty output current	46.3 A
Maximum output frequency	599 Hz
Nominal switching frequency	4 kHz
Adjustable switching frequency	2 to 16 kHz

02 ADDITIONAL PRODUCT DATA

Analog inputs	3
Analog outputs	2
Relay outputs	3
Ethernet ports	2 RJ45
Enclosure protection	IP21

03 PRODUCT FUNCTION

The power stage includes an integrated EMC filter and braking chopper. Built-in EtherNet/IP, Modbus TCP and Modbus serial connectivity work alongside three analog inputs, two analog outputs and three relay outputs. A nominal 4 kHz switching frequency and adjustable motor-control settings allow the electrical configuration to be matched to the connected motor and duty cycle.

04 SYSTEM COMPATIBILITY

Connect the three-phase supply within the 380 to 480 V range and its stated tolerance. Keep supply wiring, motor conductors, protective earthing and analog signal wiring arranged according to the ATV900 installation instructions; the integrated EMC filter does not remove those requirements.

05 REFERENCE

Schneider Electric ATV930D30N4 technical data and applicable product instructions

AMIKON PRODUCT SUPPORT

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