Specifications

MODELS				
	Code	Power supply	Current	Motor power
	AW5A9750	100 - 240 Vac	up to 3.0Arms (peak of 12Arms for 1s max with DC max = 10%)	up to 750 W

POWER STAGE

Ultrasonic chopper frequency 40 kHz

COMMUNICATION INTERFACE

EtherCAT or Ethernet (Modbus TCP/IP) or Profinet or CANbus and Serial (Modbus RTU)

FEEDBACK INTERFACE

Incremental encoder input 5 V differential RS422 or single-ended TTL/CMOS (isolated) or absolute encoder input SSI or BiSS-C (isolated)

POSITION SENSOR INTERFACE Hall sensor 5 V Single-Ended (TTL/CMOS) (isolated)

SCI INTERFACE

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Service SCI interface for configuration, programming and real time debugging

OPTOISOLATED INPUTS up to 16 digital

OPTOISOLATD OUTPUTS up to 12 digital

ANALOGUES INPUTS up to 2 isolated

ANALOGUES OUTPUTS up to 2 isolated

OPTOISOLATED STO INPUTS Safe Torque Off inputs SIL3/PLe

SAFETY PROTECTIONS over/under-voltage, over current, overheating, short circuit between motor phase to phase and phase to ground

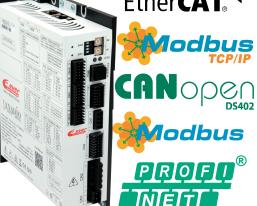
TEMPERATURES working from 5°C to 50°C, storage from -25°C to 55°C

HUMIDITY 5% ÷ 85% not condensing

PROTECTION DEGREE IP20

PROTECTION CLASS Class I Equipment





AW5A9750

Mains power supply 240 Vac

SIL3

- Incremental or absolute encoder and Hall sensor inputs
- Serial Service for real time programming and debugging
- Safe Torque Off SIL3/PLe inputs (STO)
- External braking resistor management
- Compliance with the most common PLC Masters on the market
- New e3PLC Programming Environment, easy and intuitive
- UL recognized certified

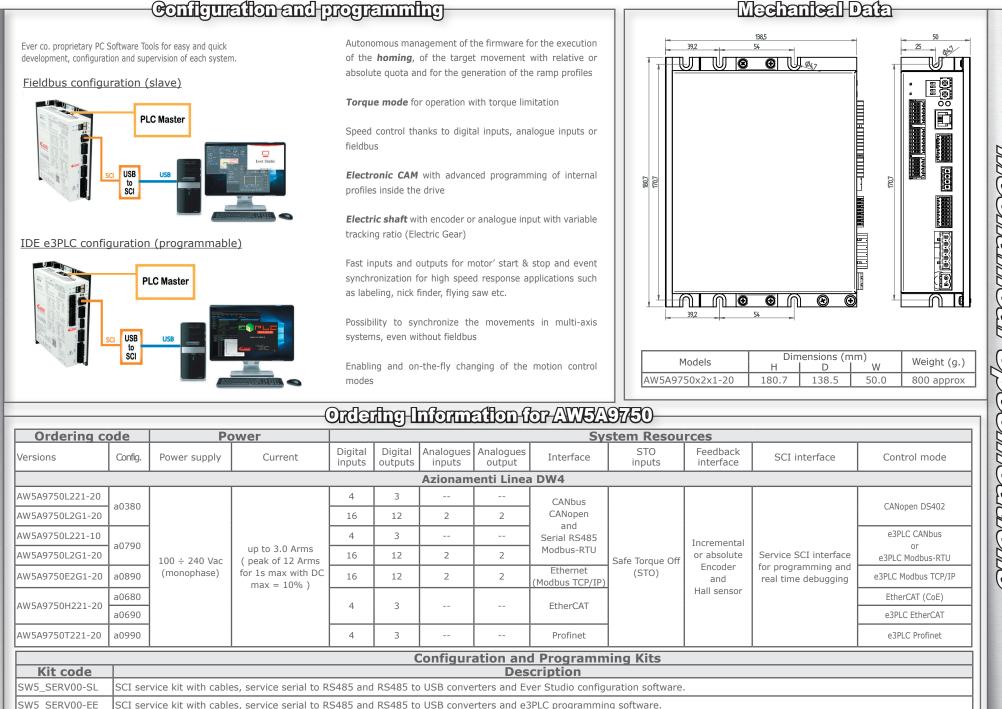


ELETTRONICA PER AUTOMAZIONE INDUSTRIALE Via del Commercio, 2/4 -9/11 Loc. S. Grato - Z.I. 26900 - LODI (LO) - Italy Tel. 0039 0371 412318 - Fax 0039 0371 412367 email infoever@everelettronica.it www.everelettronica.it

DictalInputs JULIUL 3rd part controlle Multi Axces Systems Slave mode - a0380 CANopen DS402 - a0680 EtherCAT - a0790 Modbus + CANopen - a0890 Ethernet (Modbus TCP/IP) 90 Profinet C, PLC, Panel PC or other Ethernet switch Modbus TCP/IP Drive control through commands by Master Controller. Suitable for multi axes systems. Built in powerfull Motion Module functionality assures perfect synchronization among axes and reduces Master Controller workload. Stend Alone Mode User Programmable - eePLC- a0690 / a0790 / a0890 FIELDBUS DRIVES WITH AUTONOMOUS FUNCTIONING that, by integrating advanced PLC and motion controller functions in one single device, programmable by the user with the IDE for Windows PC and e3PLC, allows to reduce the traditional machine control solution. Traditional Solution Motion PLC Drive Motor ⊨ Module e3PLC Solution AW5A9750 Drive line Motor | e3PLC

The e3PLC IDE allows the user to access all the I/O control functions and resources, provided by the drive, and to locally program its Motion Control Module, which can also be synchronized with other drives and events of the controlled process. Thanks to the advanced functionalities of the Power Motion Module, an integrated Real-time Process Module, applications can be easily created for special applications such as: Labelling

- Electronic cams
- Control Sequences of cable processing
- Many other user-customized processes ...



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