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

PROTECTION CLASS Class I Equipment

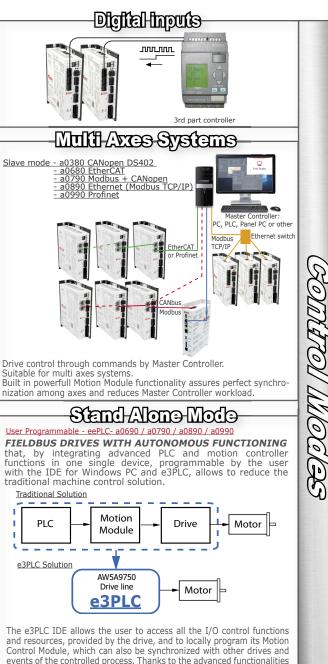


AW5A9750

- Mains power supply 240 Vac
- 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



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of the Power Motion Module, an integrated Real-time Process Module,

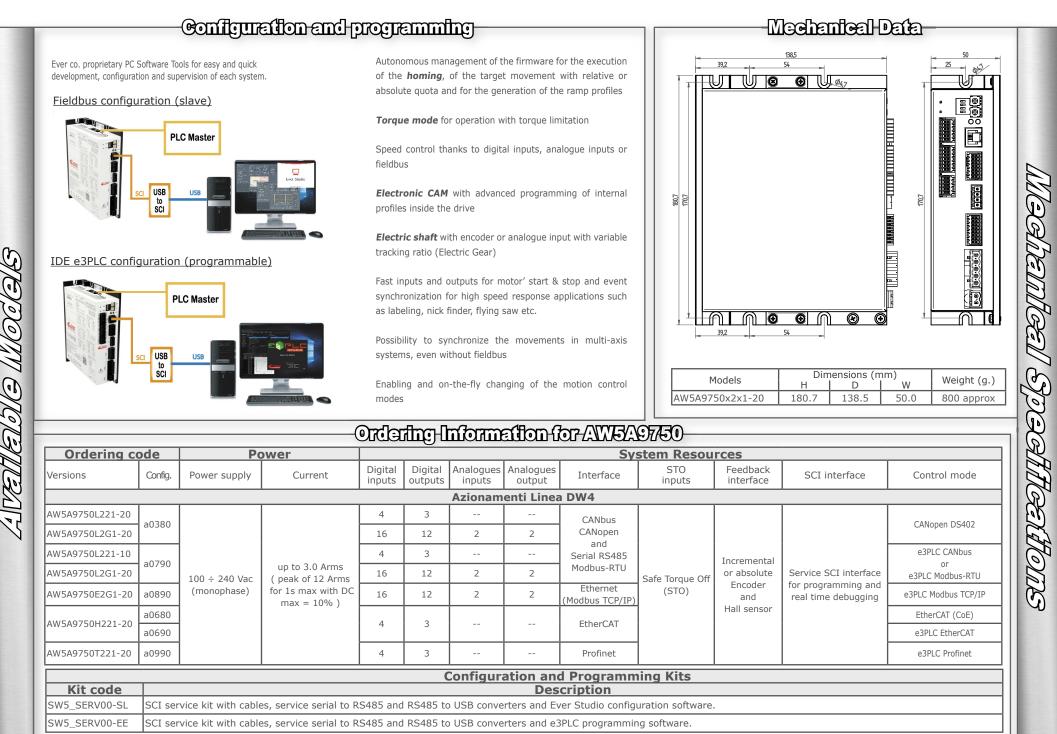
applications can be easily created for special applications such as:

Labelling

Electronic cams

Control Sequences of cable processing

Many other user-customized processes ...



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