



CD1-K series Brushless drive with interface dedicated to the master controller FCT241



HARDWARE FEATURES:

Bus: Personalized CAN

Power supply: 230Vac or 400-480 Vac with EMC integrated filter

Current: from 4,5 – 10,5A to 230Vac; 2,7-7,2-14-30-45A to 400Vac

Interfaces: 6 logical IN , 4 logical OUT, Drive OK. RS232, CAN open

Analog input: 2 IN +/- 10Vdc 14 bit resolution

Encoder output: incremental line driver, programmable resolution from 64 to 8192 i/g

Incremental feedback: 16 bit resolver, Encoder, Sin/Cos

Absolute feedback: Sin/cos single turn or multiturn, HIPERFACE, ENDAT

CONTROL FEATURES

PWM 8 KHz

Position and velocity loop 500 μ s

Digital current loop 62,5 μ s

Auto-phasing motor phase and resolver

Auto-tuning 3 bands, 2 filter

MOVEMENT FEATURES

Standard DS402: internal positioning, speed profile, homing

Real time mode with linear and cubic interpolation of the position

SETTING OF PARAMETERS

Local setting by a PC program (Visual Drive Setup) on serial port.

Centralized by configurator on CAN bus

Reading of datas from eeprom

DIMENSIONS (mm)

230Vac: 200x199x65

480Vac: 2,7-7,2A:228x230x65/14A:258x234x83/30-45A:288x234x110

CERTIFICATION

CE integrated EMC filter
UL/CSA only for 400Vac version

**SALES AND APPLICATION
ASSISTANCE ORGANIZATION**

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