FCT200

Master controllers

• HARDWARE FEATURES

Processor
PowerPC family

Dynamic RAM
16 MByte - SDRAM 132MHz

Boot Flash eprom
1 MByte

Serial Flash Eprom
32 MByte

Ferromagnetic serial FRAM
32 KByte

Communication ports
RS232C, Ethernet 10/100 Mbps, serial RS422-485, synchronous communication (SMI port)

Standard bus on board
1xCANopen port

Optional bus
1xAuxiliary CANopen, Profibus DP slave

Mass memory
SD card for user data storage

System time clock management

Power supply 24Vdc±20%

Dimensions (mm)
H 170 x W 54 x D 110

Weight (Kg)
0.8

• SOFTWARE FEATURES

Real Time OS: PRECISE MQX
IEC61131 Environment: 4 CONTROL or CODESYS
CMZ Motion libraries
CMZ Application libraries
CMZ Configurator

•ORDERING CODES FOR HARDWARE

CODE	DESCRIPTION
FCT200.1101.XXX	FCT200 System full version 2 CAN+ETH+RS232+SMI+PROFIBUS
FCT200.2106.XXX	FCT200 System reduced version 2 CAN+ETH+RS232+SMI
FCT200.0100.XXX	FCT200 System reduced version CAN+ETH+RS232+SMI
	The final code "xxx" concerns the software licence for the devolepment environment 4CONTROL or CODESYS. See the table below. For more information on order codes contact CMZ sales office.

• ORDERING CODES FOR SOFTWARE RUNTIME LICENCES ".xxx"

CODE	DESCRIPTION
.000	4CONTROL
.101	CODESYS with PLC
.102	CODESYS with PLC+WebVisu
.103	CODESYS with Soft Motion
.104	CODESYS with Soft Motion + CNC
.105	CODESYS with Soft Motion +WebVisu
.106	CODESYS with Soft Motion + CNC + WebVisu

SINCE 1976

CMZ engineers and manufactures electronic systems for industrial motion control.

The company targets to OEMs and systems integrators for the co-development of automatic machines featuring a deep level of customization in multi axis motion. The result: high performing machines with unique, special features.

Established in 1976 focusing on controllers, today CMZ offers a complete portfolio of solutions including the systems design, the electronics programming, the development of ready-to-use application libraries and ad-hoc softwares, alongside a wide selection of master controllers IEC61131 up to 99 axis, integrated and stand-alone drives, brushless and stepper motors up to 120 Nm strictly compact and Made in Italy, peripherals and I/O modules both digital and analogic, integrated vision systems based on machine learning technology, HMI operator panels.

CMZ's high technological and safety standing is based on its team of 70 technicians and engineers. The systems realized to date in its plant count over 125,000 units.

CMZ is part of SOGA ENERGY TEAM industrial group operating in power generation, motion and control since 1976.

CMZ sviluppa e realizza sistemi elettronici e soluzioni per il motion control industriale.

L'azienda si rivolge a OEMs e system integrators per la co-progettazione di macchine automatiche dotate di funzionalità personalizzate e speciali nella movimentazione degli assi. Il risultato: macchine ad alta performance e dalle caratteristiche uniche.

Fondata nel 1976 con focus sui controllori, oggi CMZ offre un portfolio integrale di soluzioni che include la progettazione dei sistemi, la programmazione dell'elettronica, lo sviluppo di librerie applicative ready-to-use e pacchetti software ad-hoc, affiancati a un'ampia scelta di controllori IEC 61131 programmabili fino a 99 assi, azionamenti integrati e stand-alone, motori brushless e passo-passo fino a 120 Nm rigorosamente compatti e Made in Italy, periferiche e moduli I/O digitali e analogici, sistemi di visione integrata con tecnologia machine learning, pannelli operatore HMI.

L'elevato standing tecnologico e di sicurezza di CMZ si basa su un team di 70 tecnici e ingegneri. I sistemi realizzati fino ad oggi nel sito produttivo dell'azienda sono oltre 125.000. CMZ fa parte del gruppo industriale SOGA ENERGY TEAM, attivo dal 1966 a livello internazionale nei settori power generation, motion e control.