JetWeb

\\ Automation. Made easy.

JetMove D203-JC240

Dual-axis controller with integrated compact PLC

Jetter

Controllers + Drives

↘ Product Brief

The full version of the device includes a complete control system and two complete servo drives plus power section, thus offering excellent value for money. The users must not accept any compromise neither for the PLC, nor for the drive.

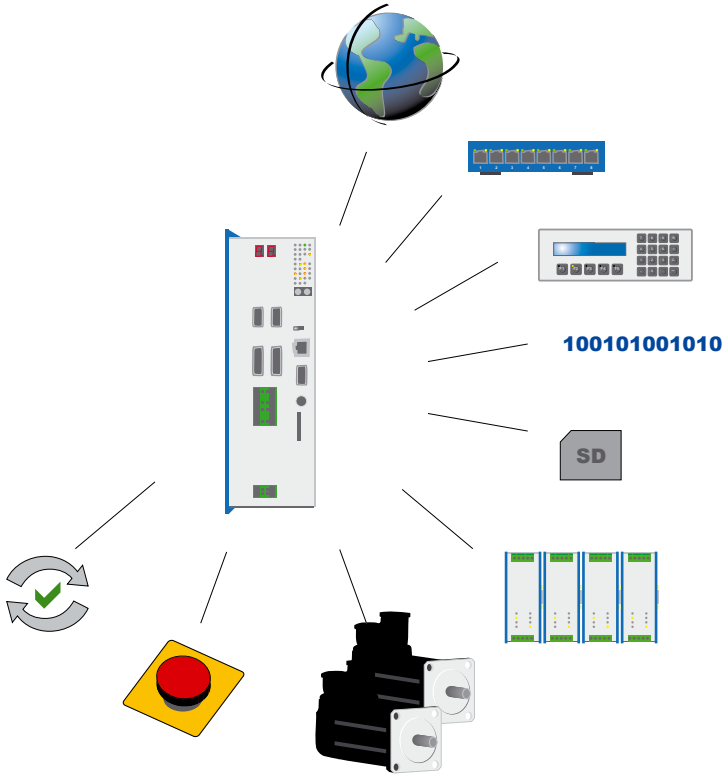
The system is programmed with JetSym ST(X), an efficient language that allows motion controllers to be programmed as easily as digital inputs and outputs – all with one single programming language. Users have transparent real-time access to the controller and the two digital servo drives, including all parameters.

Ethernet and system bus as standard interfaces as well as the field bus options available (Profibus DP, CAMNopen and DeviceNet) ensure the optimum integration of JM-D203-JC240 into automation networks. The device is ideal for a wide range of applications: It can be used as the main controller of smaller machines, for distributed control functions in modular machines, or purely as a drive control system. JM-D203 can also be used as dual-axis controller for axis extension solutions.

Original size

What are the benefits of using a swap medium like the SD card?
The card ensures quick and easy storage of data (for example configurations) that subsequently can be transferred to other devices. Another option is to use the medium for automated storage or installation of user programs or operating systems. Furthermore, the SD card provides the possibility to store production data which cannot or shall not be called up via Ethernet. In fact, there is a wide variety of useful applications for this new feature!

One device only



↘ Nine at one blow

❶ The integrated web server allows remote maintenance via Internet or Intranet - world-wide

❷ Standard Ethernet interface for connection to the in-house (production) network

❸ Connectivity for operating terminal

❹ User-programmable serial interface

❺ Integrated SD card reader for data storage or exchange

❻ Connectivity for remote peripherals, such as digital input and output modules

❼ Control and operation of two motors (synchro-nous motors, asynchronous motors, stepper motors, linear motors)

❽ Safety function "Safe Standstill"

❾ Additional field bus interfaces are available as options, e.g. Profibus-DP, DeviceNet

Technical Data - Servo Amplifiers	
Type of connection	1-phase
Rated voltage (U_{eff})	230 VAC
Rated input frequency	50 Hz
Rated current (I_{eff})	2 x 3 A
Peak current (I_{eff})	2 x 6 A
Motor power (approx.)	1 kW (2 x 0.5 kW)
Brake	2 x 24 VDC / 2 A max.
Safety function "Safe Standstill", up to category 3 per EN954-1	*as option*
Ballast resistor (internal)	approx. 100 W
Line filter	integrated
Interfaces	System bus
Dimensions (W x H x D in mm)	86 x 310 x 203

Technical Data - Compact PLC *(option)*	
Operating voltage	20 ... 30 VDC
Program memory	64 kByte
Application memory	2 - 6 MB on Board, additional SD card >= 64 MB
Application registers	32.000
Interfaces	Ethernet 10/100 MBit, system bus, RS232 and RS232/RS422, *as option* Anybus CC (Profi-DP, DeviceNet)
Digital inputs	16
Digital outputs	12
Power supply of digital I/Os	20 ... 30 VDC
Web server and e-mail client	*as option*

7/2007

Jetter AG, Gräterstraße 2, 71642 Ludwigsburg, Deutschland
Telefon: +49 07141 2550-433, Fax: +49 07141 2550-484, www.jetter.de, E-Mail: sales@jetter.de

Jetter Schweiz AG, Münchwilerstrasse 19, 9554 Tägerschen, Schweiz
Telefon: +41 71 91879-50, Fax: +41 71 91879-69, www.jetterag.ch, E-Mail: info@jetterag.ch

Jetter Italia s.r.l., Via Massarenti 13, 20148 Milano, Italy
Phone: +39 02 40093140, Fax +39 02 48752579, www.jetter.it, E-Mail: contact@jetter.it

Jetter Asia Pte Ltd., 32 Ang Mo Kio Industrial Park 2, #05-02 Sing Industrial Complex, Singapore 569510
Phone: +65 6483 8200, Fax: +65 6483 3881, www.jetter.com.sg, E-Mail: sales@jetter.com.sg

Jetter Automation Inc., 165 Ken Mar Industrial Parkway, 2950 Broadview Heights, 44147 Ohio, U.S.A.
Phone: +1 440 8380-860, Fax: +1 440 8380-861, www.jetterus.com, E-Mail: bschulze@jetterus.com

Jetter
Automation. Made easy.