

MARTS 2000

Process control industrial system

A wall-mounted process control computer, with aluminium case; it can be fitted in conventional electrical cabinet racks.

Equipped with a 16 x 2 alphanumeric back-lighted LCD and control keypad (removable); PC compatible operating systems; SERCOS interface™ field BUS with 4 rings / CAN OPEN interface™ field BUS; AT-BUS PC-104/PCI interfaces.



**UL / CSA
certified**



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MOTORNET SYSTEM

VARYLINE SYSTEM

MASTERLINE SYSTEM

POSYC

MARTS

COSMOS

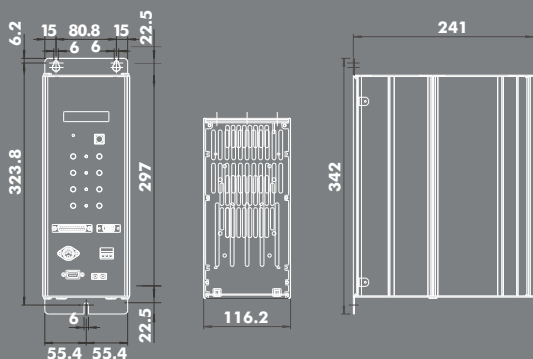
D-GATE / A-GATE

MARTS 2000

Technical Data

MARTS 2000

PC compatible	single motherboard industrial PC
Case	in aluminum
Mounting	wall mounted
Operating frequency	up to 1,0 Ghz
Available processors	VIA C3 intel Celeron
RAM memory	DIMM type, from 64 MB to 512 MB
Mass memory	Compact flash from 8 MB on 1 x RS232 serial interface, in electrical or optical mode
Available I/O interfaces	1 x ECP bi-directional parallel interface 1 PS2 x external keyboard, 1 PS2 x mouse
Field BUS	from 1 to 4 SERCOS interface™/CAN OPEN interface™ rings, totally independent
Speed	4 - 16 Mbaud
Maximum number of peripheral units	up to 25 per ring
Types of peripheral units	servo-drivers I/O multi-gate field modules, for analogue and digital signals
Display	16 x 2 alpha-numeric back-lighted LCD (removable)
External monitor	1 x female connector, 15 poles Video card XVGA
Operating systems	all PC compatible * Matrok-pro / Linux
Electrical specifications	power supply: 24 Vcc ± 10% power consumption: 55 W max. operating temperature from 0 °C to 55 °C
Environmental operating conditions	operating relative humidity (without condensation) from 0 % to 95% storage temperature: from -20 °C to 60 °C
Installed peripheral units	3 x RS232/422/485 serial interface 1 x USB 1 x Ethernet 10/100 Mb
* Matrok-pro functions IEC 1131	SW modules for axes control SERCOS interface control SW modules for the control of I/O multi-gate field modules C - C++ programming / IEC 1131



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