

CN16 operator interface

CN16 is a low-cost, compact user interface that can also be housed in various small machine tools - with performance such as to satisfy the most varied requirements - where a cycle control system is nevertheless needed and which now and again requires the intervention of the operator for selections, programming and other interactions with the machine. CN 16 is microprocessor-controlled and programmable for display of the machine cycle, position programming, cycle selection, etc. Customisation of the man-machine interface is developed in DOS environment in order to assure maximum reliability and cost-effectiveness of the product: it may have 8 programmable keys (F1-F8). It can easily be connected to the outside world thanks to an Ethernet line, 2 RS232 serial lines (also possibility of RS422 and RS485 communication). The floppy disk reader is located on the side in a protected and easily accessible position. The system comes with a 6.4" LCD TFT VGA 640x480 graphic display, customised keyboard for use of application programs, and the possibility of using an external keyboard and a mouse.

The interface can be 24 VDC or 24 VAC powered.



Code H0CN16003XX

CHARACTERISTICS	DESCRIPTION	GENERAL
	NOTES	
Dimensions (LxHxD)	332mm x 179mm x 80mm	
Installation	Panel	- Panel cutout 315 x 162 r.4 mm
Weight	2200 g	
Operating environment	Industrial	
Protection class	Front: IP54 - Rear: IP20	
Operating temperature	From 0° to 50°C	
Operating humidity (without condensate)	From 10 to 90%	
Max operating altitude	2000m	

CHARACTERISTICS	DESCRIPTION	GENERAL
	ELECTRICAL	
Supply voltage	DC 24v±20% 24 VAC ±20%	
Absorption	Max 25 W	
Battery	Lithium 3 Volt/196 mAH	
	CPU	
Processor	STPC DX2 133MHz	
BIOS	AWARD 256KB Flash BIOS	
Dynamic memory	32 Megabyte SDRAM	- Expandable
Bulk memory	16MB	- DiskOnChip expandable
	INTERFACES	
Serial	1 RS232 line 1 RS323-RS422-RS485 line	- On DB9
Ethernet	1 10/100MB Base-T line	- On RJ45
Parallel port	1 line	- On DB25
Floppy disk	1.44 MB	
	OPERATOR INTERFACE	
Monitor	6.4" LCD TFT VGA 640x480	
Keyboard	Industrial, waterproof	
Input for standard keyboard	1 line	- On PS2
Input for mouse	1 line	- On PS2
	SOFTWARE	
Operating system	DOS 6.22	
	EXPANSIONS	
Dynamic memory	MAX 64 MB	
Bulk memory	DiskOnChip	
	INTERFACE	
UR050	Power supply: 18VDC 24VAC Encoder power supply 5-12Volt Line Driver Open Collector CPU: Motorola MCF5206E 40 Mhz RAM: 1Mb – Flash Eprom: 1Mb AXES (Max N.3) max. axis count freq. 500Khz with multipliation for 4 Digital I/O : Max 16IN + 16OUT – Digitla I/O BLT: Max 48IN +48OUT 2 RS232 – 1 CANOpen – BLT	
UR10	Power supply: 18-30 VDC, 15-24 VAC Encoder power supply: 5 / 12Volt Line Driver, Open collector CPU: Motorola 32-bit 24 MHz RAM: 1MB - Flash EPROM: 1MB AXES (Max 6) max. axis count freq. 500KHz x 4 Digital inputs/outputs - BLT: Max 72+72 CAN: 96 inputs/outputs, 4 nodes of 64 inputs/outputs MAX - Maximum: 96I/O 2 RS232 - 1 ETH – 1 CANOpen - BLT	
Syncro Basic Rack	Power supply: 24 VAC+/-30% CPU: 68EC020 RAM: 2MB AXES: Max 6 - Max axis count freq 500Khz x 4 - +5/12V Push Pull, Open Collector, Line Driver Digital inputs/outputs - BLT: Max 80 inputs/outputs - CAN: 192 inputs/outputs - Maximum: 192 I/O Analog outputs +/-10V 2 RS232, RS422	
Single-board	SPECIFICATIONS: Power supply: 24 VAC+/-30% CPU: MC68000 16 MHz RAM: 1MB - Flash EPROM 1MB AXES: Max 4 - Max axis count freq 500Khz x 4 - +5/12V Push Pull, Open Collector, Line Driver Analog outputs +/-10V 2 RS232	