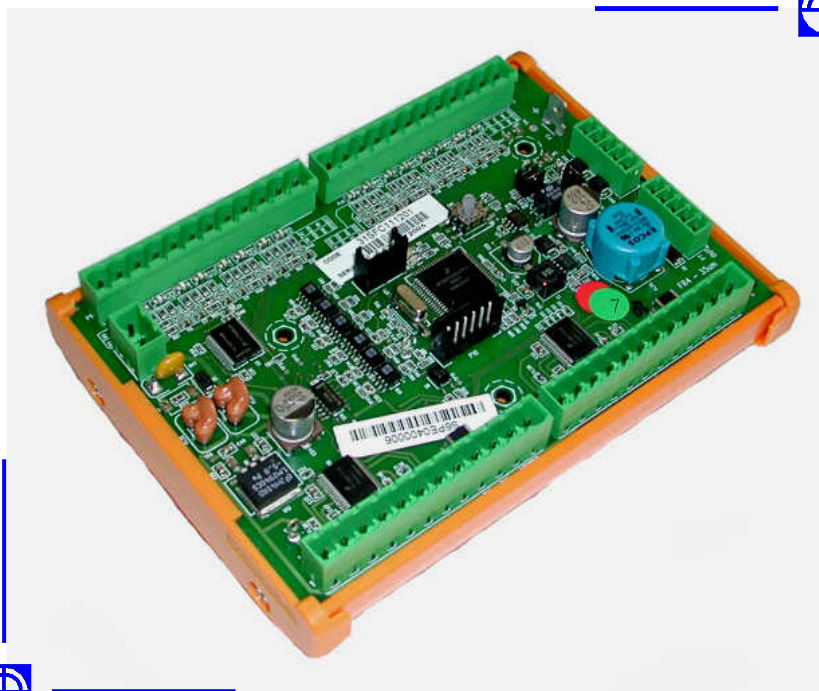


16 IN/OUT Module on CANOpen

The Module controls:

- 16 optoisolated digital inputs according to the industrial standard with 24 VDC rated supply voltage available on 2 connectors, each of which with 8 inputs. The input connectors have a 24 VDC supply voltage to power the active input devices.
- 16 optoisolated outputs according to the industrial standard with 24 VDC rated supply voltage available on 2 connectors, each of which with 8 outputs. The outputs are optoisolated so that they can be used for several different solutions. The module can be powered with two supply voltages to two connectors of 8 outputs.

The CPU uses a Motorola AZ60. The board communication protocol is CANOpen (DS301/401). The wiring has been simplified by adopting the module with two connectors.



Cod. H4PE04001XX

CARATTERISTICHE	DESCRIZIONE GENERALI	NOTE
Dimensions (LxHxD)	150mm x 111mm x 80mm	
Installation	on DIN bar	
Operating environment	Industrial	
Operating temperature	From 0° to 50°C	
Operating humidity (without condensate)	From 10 to 90%	
Max operating altitude	1000m	

CARATTERISTICHE	DESCRIZIONE	NOTE
ELETTRICHE		
- Logical Power supply voltage - Absorption	- DC 24V±10% - average < 50mA	- from connector P9 on P7 - protected against short-circuits
- Field Power supply voltage - Absorption	- DC 24V±10% - average < 50mA, MAX external 500mA	- from connector P8 - protected against short-circuits
- Power supply voltage 1 - Absorption	- DC 24V±10% Max current 2000mA	About outputs 1..8 (P14)
- Power supply voltage 2 - Absorption	- DC 24V±10% Max current 2000mA	About outputs 9..16 (P13)
FUNZIONALI		
Inputs: Voltage threshold bandwidth	DC 24V±10% DC 12V 5ms	
Outputs: maximum current	500mA to each channel till at 2000mA to each connector of outputs (1..8 e 9..16)	
Maximum number of inputs managed	16	
Maximum number of outputs managed	16	
- Microprocessor - Memory	- Motorola AZ60 16MHz - Flash 60Kbytes, RAM 2Kbyte CAN 2.0B integrated	
INTERFACCIA		
Fieldbus	1 CANOpen line Tencos at 1Mbit/sec	- DSP-DS301/401 communication protocol - on 5-pin connector 5 poli - maximum length line: 40mt
INTERFACCIAMENTO		
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	SPECIFICATIONS: Power supply: 18-30 VDC, 15-24 VAC Power supply. Encoder: 5-12 Volt 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	SPECIFICATIONS: 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: 192I/O Analog outputs +/-10V 2 RS232,RS422	