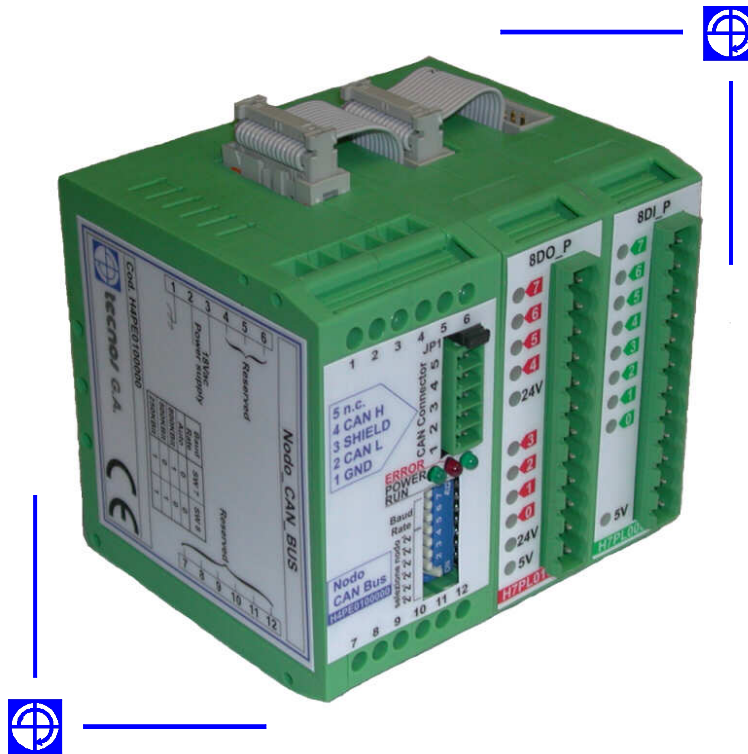


Tecnos modules on BLT

The Tecnos modules are used as expansions to control additional inputs and outputs. The connection between the modules is controlled in serial on proprietary BLT (Tecnos local bus).

They can be used onboard the machine with a BLT power supply module or remotely using the CAN BUS coupler node which utilizes CANOpen (DS301/401) as communication protocol. Installation on DIN bar.



MODULES AVAILABLE		
DESCRIPTION	CODE	GENERAL
CAN_BUS NODE COUPLER MODULE	H4PE0100000	Power supply: 18 VAC / 24 VDC Absorption: 60mA MAX output voltage: +24 VDC 300 mA
SERIAL+ETHERNET COUPLER MODULE	H4PE0100100	Power supply: 18 VAC / 24 VDC Absorption: 70mA
BLT POWER SUPPLY MODULE	H6MG0100010	Power supply: 24 VDC ±10% MAX current supplied: 1A Output voltage: 5VDC ±2%
BLT POWER SUPPLY REGENERATION MODULE	H6MG0100020	Power supply: 24VDC ±10% MAX current supplied: 1A Output voltage: 5VDC ±2%
D/A CONVERTER MODULE	H6MG0300101	Power supply: 24VDC ±10% Absorption on +5V: 30mA Output voltage: 0 / 10V on load Rc=10K
A/D CONVERTER MODULE	H6MG03002XX	Power supply: 5VDC Absorption on +5V: 110mA Configurations: 2 voltage inputs: ±10 V and ±4 V 1 current input: 4 ± 20 mA Resolution: 8 or 12
8-INPUT PNP MODULE	H7PL0000000	Power supply: 5VDC Absorption on +5V: 65mA MAX input voltage: 24VDC ±10%
8-INPUT PNP/NPN MODULE	H7PL0000100	Power supply: 5VDC Absorption on +5V: 65mA MAX input voltage: 24VDC ±10%
8-OUTPUT PNP MODULE	H7PL0100000	Power supply: 24VDC ±10% Absorption on 5V: 65mA MAX current per channel = 0.5A parallelizable
4-OUTPUT 220VAC RELAY MODULE	H7PL0100300	Power supply: 24VDC ±10% Absorption on +5V: 65mA MAX current for resistive load: 3A MAX current for inductive load: 2A MAX voltage for contact: 250V

CHARACTERISTICS	DESCRIPTION	GENERAL
	NOTES	
Dimensions (LxHxD) for CANBus Node	25mm x 79mm x 89mm 40mm x 79mm x 89mm	- -
Installation	on DIN bar	-
Operating environment	Industrial	-
Operating temperature	From 0° to 50°C	-
Operating humidity (without condensate)	≤75%	-
Max operating altitude	2000m	-
	INTERFACES	
BLT	1 Tecnos Local Bus line	- On all the modules
Serial	1 RS232 line	- Only for Serial + Ethernet Coupler module
Ethernet	1 10 MB line	- Only for Serial + Ethernet Coupler module
Field bus	1 CANOpen DSP-DS301/401 line	- Only for CANBus Node Coupler module
	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	Connection via BLT or CANOpen
UR10	Power supply: 18-30 VDC, 15-24 VAC Encoder power supply: 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 500 KHz 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	Connection via BLT or CANOpen
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	Connection via CANBus board and BLT I/O Power Supply Module