

HYterm CPE100



The CPE protocol converters have been designed to connect the controllers manufactured by Hyterm to the most common communication networks and field buses for building and industrial automation available on the market. Thanks to a Plug & Play connection towards all FC controllers, the CPE devices allow the conversion of the native MODBUS RTU protocol into the specialized protocol requested by the customer.

MAIN FEATURES

Plug & Play

Thanks to the Plug & Play connection to the FC controllers, no programming or initial parameterization is required, simplifying the start-up of the machine.

Small and compact

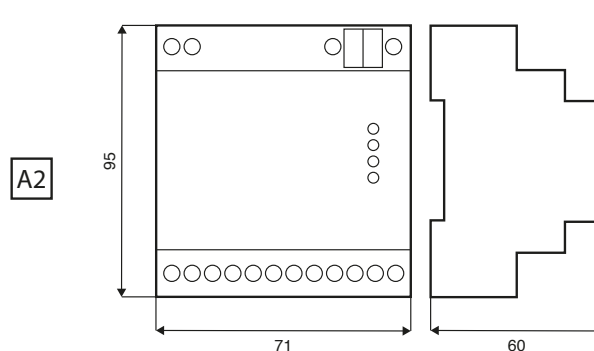
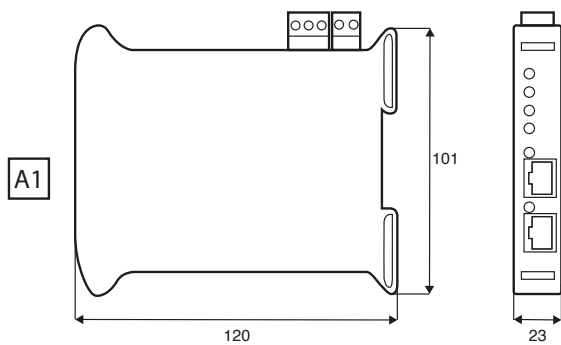
Made in a small and compact enclosure, it mounts on DIN rail allowing installation even in small spaces.

Suitable for any environment

Manufactured with high quality components, they are suitable even for the most demanding industrial and automotive applications.

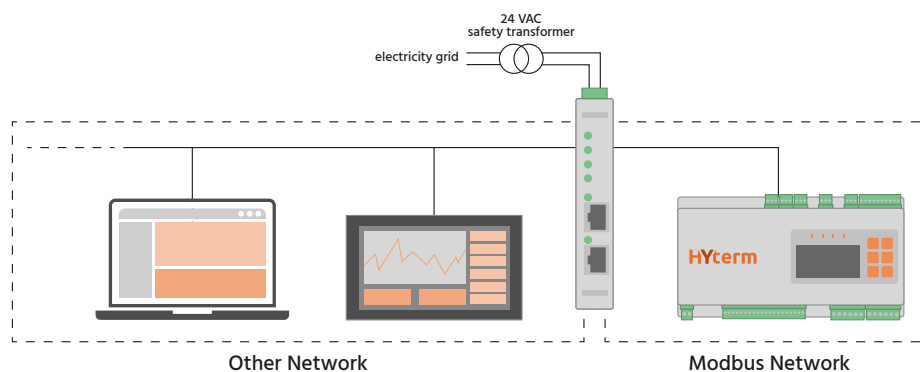
BENEFITS

- Compatible with the most common communication standards on the market.
- Quick and easy to install even in case of retrofit.
- Wide operating temperature range.
- Wide range of input voltage.
- Manufactured with quality components, they are guaranteed for 24 months.



TECHNICAL DATA	Power supply	8 ÷ 24Vac 50/60Hz 12 ÷ 35Vdc
	Power consumption	~5VA
	Terminal block	Screw plug-in male/female connectors pitch 5,08 (Power Supply)
	Cable cross-section	min 0,5 mmq ÷ max 2,5mm ² min 20 AWG Cu ÷ max 14 AWG Cu
PROTOCOLS	MODBUS RTU RS485 vs	BACnet IP Slave BACnet MSTP Slave PROFINET PROFIBUS DP Slave MODBUS TCP Slave Ethernet Ethernet/IP KNX Converter SNMP Agent Converter
MEASURE	Dimensions	A1: 23 × 101 × 120 mm A2: 71 × 95 × 60 mm
	Weight	A1: 200g A2: 200g

OPERATING CONDITIONS	Operating temperature	-40÷85°C – Rh max 80% non-condensing
	Storage temperature	-40÷85°C – Rh max 80% non-condensing
	Vibrations	Vibrations <1g (9,8ms ²)
	Degree of protection	IP20
	Insulation	—
ENCLOSURE	Mounting	On a DIN
	Material	PC / ABS
	Flammability Rating	V0 - 5VB (according UL94)
	GWFI	960°C (according IEC 606925-2-12)
STANDARD	Color	Gray RAL 7035
STANDARD	Compliance	2014/30/UE (MC – Electromagnetic compatibility)
	Technical Standard	EN 61000-6-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11, ENV 50204



PRODUCT	DESCRIPTION	ENCLOSURE	CODE
CPE100	BACnet IP Slave - MODBUS RTU RS485	A1	12.001.00.0000
CPE101	BACnet MSTP Slave - MODBUS RTU RS485	A1	12.001.00.0001
CPE102	PROFINET - MODBUS RTU RS485	A1	12.001.00.0002
CPE103	PROFIBUS DP Slave - MODBUS RTU RS485	A1	12.001.00.0003
CPE104	MODBUS TCP Slave - MODBUS RTU RS485	A1	12.001.00.0004
CPE105	Ethernet - MODBUS RTU RS485	A1	12.001.00.0005
CPE106	Ethernet/IP - MODBUS RTU RS485	A1	12.001.00.0006
CPE107	KNX Converter - MODBUS RTU RS485	A2	12.001.00.0007
CPE108	SNMP Agent Converter - MODBUS RTU RS485	A1	12.001.00.0008