



LUXTRON srl – via Valle Po, 82 - 12100 Cuneo (CN) - Tel. +39 0171 325827
R.I. di Cuneo e P.Iva 03012560045 - Capitale sociale: € 10.500,00 i.v.
REA CN 255306 RAEE IT08020000001451

Multiprotocol BACnet Controller

TECNICAL SPECIFICATIONS

Processor:	NXP ARM7 LPC2486 32 bit and 72 Mhz with 512KB on chip flash program memory and 98 KB RAM
Inputs and outputs:	6 universal inputs freely configurable in voltage, current, digital, thermistor 6 analog voltage outputs 0 ÷ 10Vdc
Points:	Maximum 256 + 12 points with 16 expansions
Processor:	32-bit NXP ARM7 LPC2468
Processor speed:	72 Mhz
RAM memory:	16 Mb
Flash memory:	16 Mb
Buffered memory:	1 Mb
Communication ports:	10-100 Mbit Ethernet port Serial port for third party integration settable as RS232 - RS 485 (up to 256 third party devices) - M-Bus standard (up to 30 energy integrators) RS485 port for communication between the motherboard and the expansions (max 16 expansions) RS485 port for incoming BACnet MS/TP RS 485 port for BACnet MS/TP in relaunch All ports can work simultaneously in multitasking
Machine cycle:	Freely settable up to 10 ms
Protocols:	BACnet IP 100 Mbit Native BACnet MS/TP Native at 76.8 kit/sec
Memory:	16 MB of flash memory, 1 MB of buffered memory
Speed:	115.2 kbit/sec @ 1.200 ml and 38.4 kbit/sec
Power supply:	24VDC ± 10%
Absorption when empty:	170 mA Max. Absorption: 510 mA
Input absorption:	20 mA each
Output absorption:	20 mA each
Aux output Power supply:	24 VDC -1.6 A
Backup battery:	CR-2032 -The battery keeps time and data recorded for 5 years
Eco compatibility:	Immunity: CEI-EN 61000-6-1 Emissions: CEI-EN 61000-6-3
Environmental Limits:	Storage: -10 ° C ÷ 50 ° C Operation: 0 ° C ÷ 45 ° C Humidity: 0% -90% without condensation