

ENERGY BOX

ENERGY BOX WSA

Programmable Ethernet controller (UC4)

Product data sheet



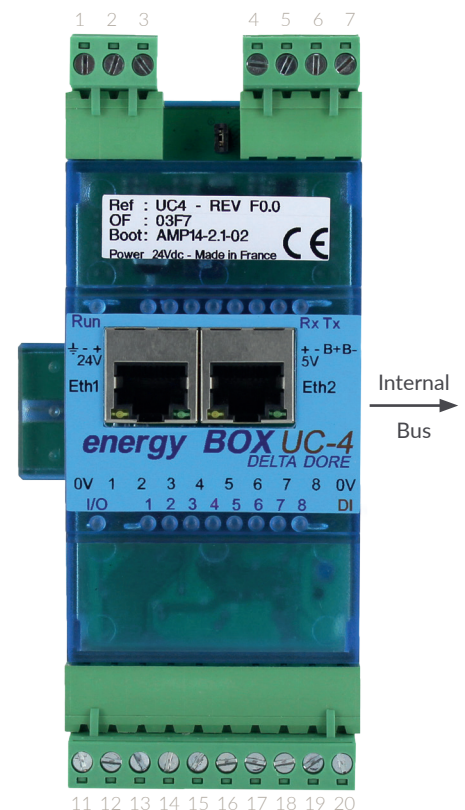
PLC

DESCRIPTION

The Energy Box WSA is a BMS controller that communicates via Ethernet TCP/IP.

TECHNICAL CHARACTERISTICS

Power supply	External 24Vdc
Consumption	5Vcc = 250mA 24Vdc = 160mA
24Vdc power supply	Voltage = 15 to 36Vdc Max current = 4A
5Vcc power supply	Max current = 1.45A 0.7A fuse protection
RS485 Bus	3-wire half duplex ESD protection = 15kV Adapter = 120 Ohms
RS232 connection	RS232 Full duplex 9 wire / HE10
Ethernet Port	2 connections 10/100 Base TX (hub mode)
Logical inputs	5mA / 24Vdc
Metering	Pulse > 10ms
Mounting	Symmetric DIN Rail
Dimensions	H/L/P - 140/54/55mm
Protection	IP20
Temperature	0 to 55°C
Relative storage hygrometry	95% without condensation
Connector	Unpluggable terminals
Display	One indicator light per input
Compliance	CE
Module insertion	Slot no. 1



1 Earth	11 0V
2 0V power	12 TOR DI1 input
3 24Vdc power	13 TOR DI2 input
	14 TOR DI3 input
	15 TOR DI4 input
	16 TOR DI5 input
4 5Vcc output	17 TOR DI6 input
5 0V	18 TOR DI7 input
6 Bus+	19 TOR DI8 input
7 Bus-	20 0V

PRODUCT REFERENCE

REFERENCE	NAME
EBUC4	EBOX Ethernet programmable controller (UC4)

Business Unit
Energy Management Systems
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