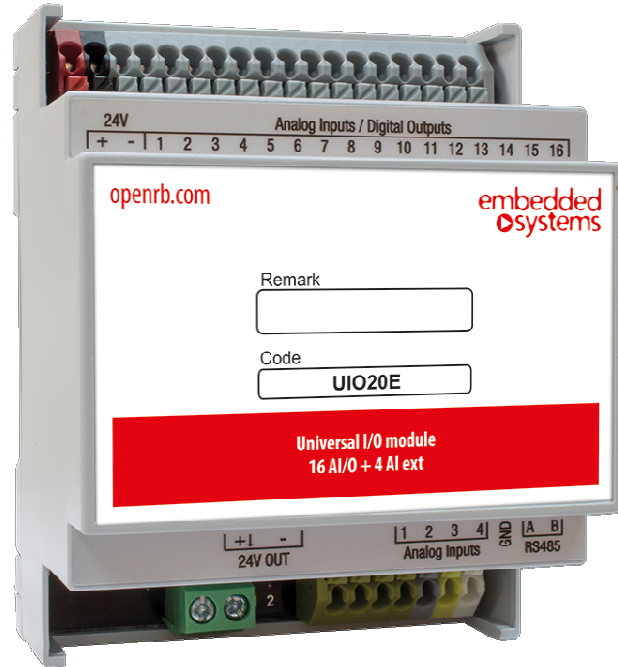


Universal 20 channel I/O device

ENG - Data sheet Issue date 19.09.2013

Application

Universal 20 channel IO device is designed to be used in meter reading applications or other building automation applications as an extension module to LogicMachine series devices. The configuration of the device is done through separate tab in LogicMachine. 4 channels can be used as analog 0-30V inputs, binary inputs. 16 channels can be used as analog 0-30V inputs, binary inputs, digital outputs. The device is designed for DIN-rail mounting and requires 4 DIN-units.



Types of product

UIO20E	Universal I/O module 16 AI/O + 4 AI
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Standards and norms compliance

CE conformity:	EMBS-CE-110926/01	Electromagnetic compatibility
EMC:	EN61000-6-1 EN61000-6-3	
PCT	Certificate	

Technical data:

Power supply:	24V DC Power consumption	Power supply 12 mA
Interface:	Universal Inputs/Outputs Inputs RS-485	16 4 1
Clamps:	KNX/EIB Inputs/Outputs	1.5mm ² 1.5mm ²
Enclosure:	Material: Color: Dimensions:	Polyamide Gray 70(W)x91(H)x56(L) mm
Protection:	IP20 according to EN 60529	
Usage temperature:	-5C ... +55C	
Storage temperature:	-20C ... +70C	
Weight:	200g	



Caution

Security advice

The installation and assembly of electrical equipment may only be performed by skilled electrician. The devices must not be used in any relation with equipment that supports, directly or indirectly, human health or life or with application that can result danger of people, animals or real value

Mounting advice

The devices are supplied in operational status. The cables connections included can be clamped to the housing if required.

Electrical connection

The devices are constructed for the operation of protective low voltage (SELV). Grounding of device not needed. When switching the power supply on or off, power surges must be avoided.

Terminal connection scheme

17	18	19	20	GND	A	B									
Analog inputs / Binary inputs				RS485											
Analog Inputs / Binary Inputs / Digital Outputs (including 12 x High frequency PWM)															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16