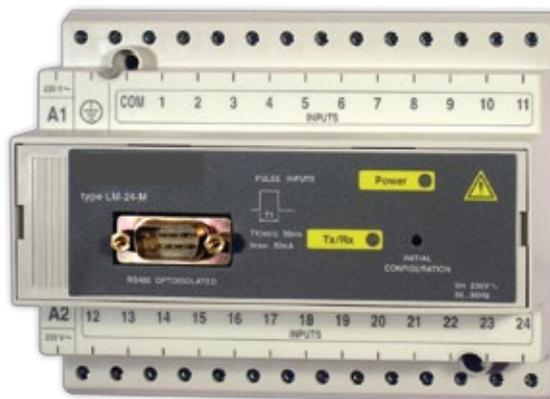


Centralizing unit with 24 inputs

LM 24 - M

Impulse CENTRALIZING UNIT

Impulse centralizing unit with 24 inputs and a communication bus RS-485



Description

- Impulse centralizing unit, with up to 24 devices. The inputs of the centralizing unit are optocoupled to read the said impulses and it also has a memory to store up to 32 bits of data
- It has an RS-485 communications port with an RS-232 or Ethernet converter that can read or write files with the **PowerStudio**

Application

- Reading any Impulse-emitting device (up to 24 units). These parameters are useful to generate receipts or define a price/unit cost
- Integration of other types of consumption, such as: gas, water, etc. or simply used to control the energy consumption of 24 meters
- As an alarm control station: acting on the status of the unit's outputs, being able to define an event or status

Features

Power supply circuit	230 Vac (± 15 %)
Consumption	5 V·A
Frequency	50...60 Hz
Digital inputs	24 potential-free inputs
Maximum current	50 mA
Maximum voltage	5 Vdc
Metering capacity	FFFF FFFF hexadecimal
Minimum impulse duration, t_{ON} t_{OFF}	50 ms / 50 ms
Maximum mean Impulse frequency	10 imp/s
Ambient conditions	
Operating temperature	0 ... +50 °C
Humidity of operation	25 ... 80 %
Altitude	2000 m
Build features	
Type of box	Modular. Self-extinguishing plastic material
Connection	Metallic terminals for "posidraft" screws
Fixing	Adjustable to the symmetrical DIN profile 46277 (EN 50022) Optional fixing with screws(fixing drill hole Ø 4.2 mm)
Cover	Lexan Front
Embedded relay protection	IP 41
Terminals	IP 20
Dimensions	140 x 70 x 110 mm (8 modules, in accordance with 43 880)
Weight	620 g
Insulation	2.5 kV - 50 Hz - 1min.
Safety	
Category II, EN 61010	
Standards	
IEC 664, VDE 0110, UL 94, IEC 348, EN 50081-1, EN 61010-1, EN 50082-1	

Centralizing unit with 24 inputs

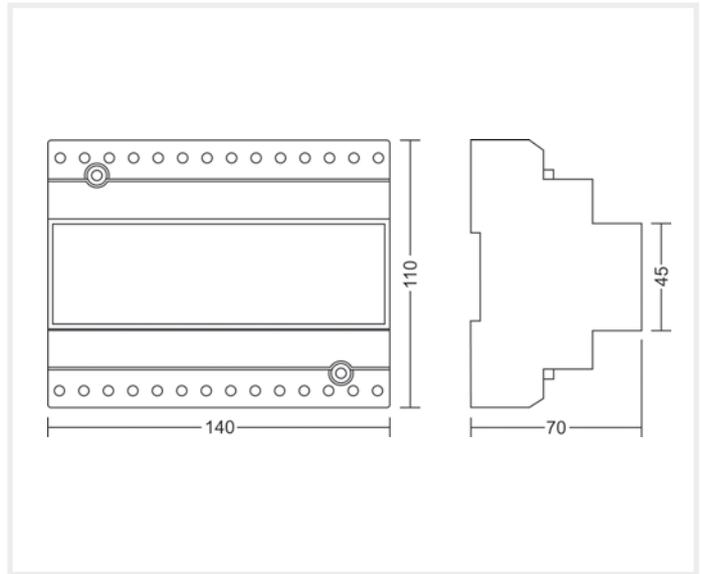
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Impulse CENTRALIZING UNIT

Impulse centralizing unit with 24 inputs and a communication bus RS-485



Dimensions



References

Optoinsulated inputs	Relay outputs	Communications with the MODBUS (RTU) protocol	DIN Modules	Type	Code
24	-	RS-485	8	LM 24 - M	M31520

Connections

