



Overview

- 32 Discrete Inputs: Handles up to 32 sink/contact digital inputs, supporting contact, impulse, and alarm signals.
- Modbus TCP/RTU Support: Fully compliant with both Modbus TCP and Modbus RTU protocols for easy integration into industrial networks.
- Flexible Communication Options: Includes RS232, RS485, Ethernet, and USB interfaces for diverse connection needs.
- Galvanic Isolation: Provides electrical isolation between power supply and interfaces ($\geq 1000V$), ensuring safe and reliable operation.
- Seamless Integration: Easily integrates with Advanticsys gateways or third-party systems, offering flexible deployment options.

Characteristics

General

Power supply:	9 – 36Vcc
Overvoltage protection:	>1000V
Power Consumption:	200 mA max

Specifications

CPU:	ARM7 (55MHz)
Flash:	8 MB, up to 5 years storage.
RTC:	Integrated Real-Time Clock.

Interfaces

RS232:	Up to 15m, speed up to 38400 bps
RS485:	Up to 1.2 km, speed up to 38400 bps
Ethernet:	RJ45, 10/100 Mbps, up to 100 m
USB:	Configuration port - Type B, ver. 2.0

Pulse inputs

Channels:	Up to 32 sink/contact inputs
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Supported Protocols

Modbus RTU, Modbus TCP

LED Indicators

Power Supply Status
 Read/Write Activity for each port
 Ethernet Connection Status
 Status for each discrete input

Environmental conditions

Operating temperature:	-25°C to +60°C
Storage temperature:	-40°C to +60°C
Humidity range:	5% to 95%, non-condensing

Regulatory approvals

EN 55022:2000+A1+AC:2002+A2:2003
 EN 61000-4-4:2005
 EN 55024:2000+A1:2003+A2:2003
 EN 61000-4-5:2002+A1:2003
 EN 61000-4-2+A1+A2:2002
 EN 61000-4-6:2002+A1:2003
 EN 61000-4-3+A1:2004



Physical characteristics

Dimensions:	197x128x50 mm
Weight:	400 g
Material:	PC/ABS
Protection type:	IP20

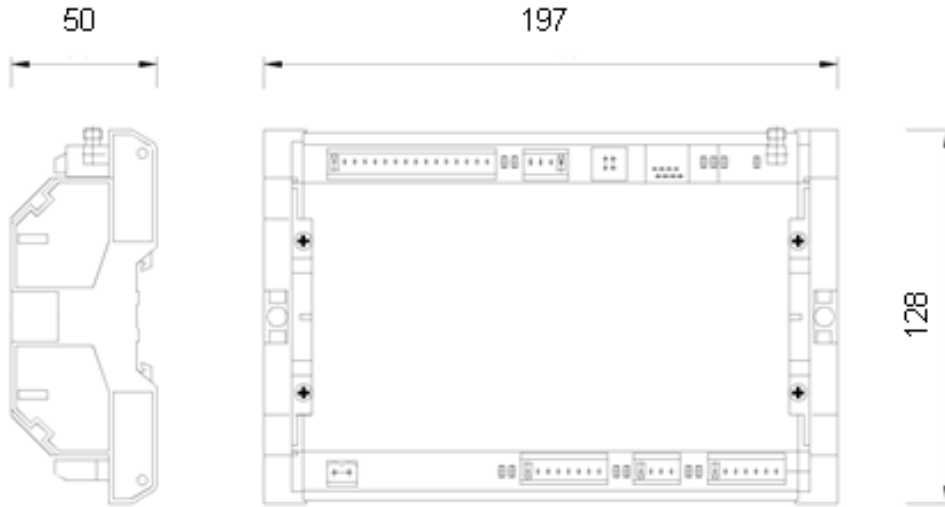
Mounting

DIN rail compatible

Other features

Made in the EU

Dimensions (mm)



Ordering code

MODEL	Interface	Interface	Interface	Interface	Digital inputs	RTC
708.004.	A	B.	C.	D.	E.	F

1 – RS485

2 – RS232

1 – Ethernet

2 – USB

8 – 32 pulse inputs

1 – Real time Clock (RTC)

Example: **708.004.1.2.1.2.8.1**

RS485 port, RS232 port, Ethernet, USB, 32 pulse inputs and RTC.