

**DIGITAL INPUT/OUTPUT MODULE**



**PRODUCT DESCRIPTION**

C2.DIO.33 is BACnet programmable digital input/output controller which can be used as a remote field IO in any BACnet and/or Modbus network.

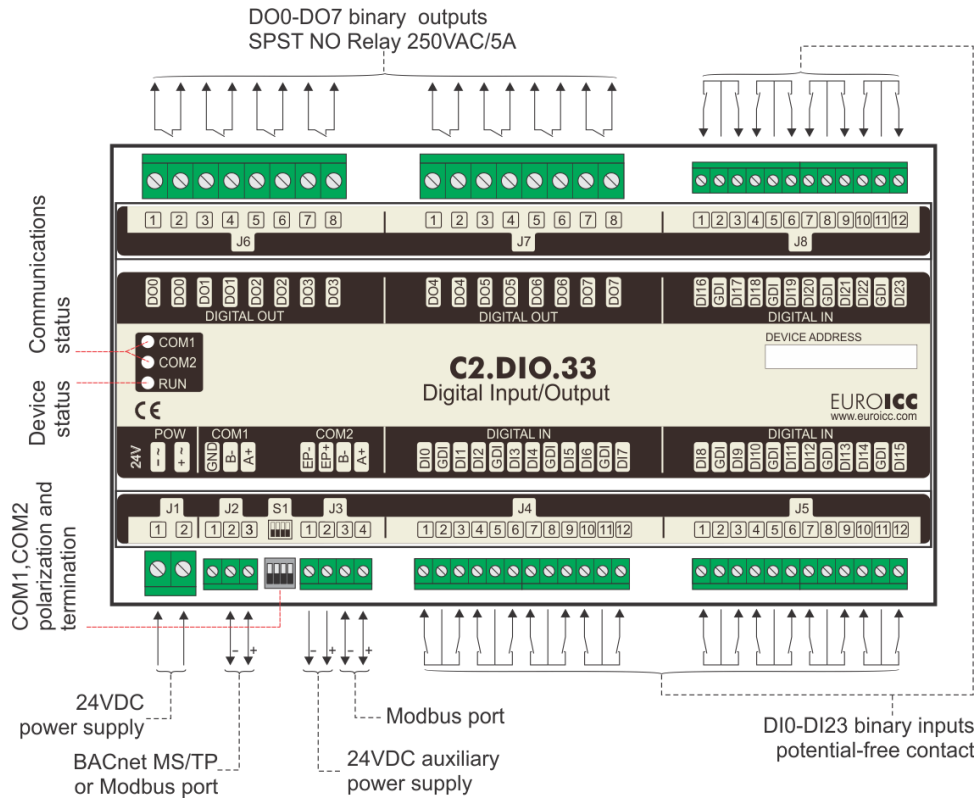
**TECHNICAL DATA**

ELECTRICAL SPECIFICATIONS	
Power supply	24 VDC, 6 W
COMMUNICATION CHANNEL	
RS 485 primary port	BACnet MS/TP or Modbus Slave RTU. Programmable baud rate (9600, 19200, 38400, 76800, 115200), DIP switch selectable use of termination and polarization resistors
RS 485 expansion port	Modbus Master RTU/ASCII Programmable baud rate (9600, 19200, 38400, 76800, 115200) and parity. DIP switch selectable use of termination resistor. Power supply output: 24 VDC, 100 mA
USB	USB device, mini USB connector, service port
DIGITAL INPUTS	
Potential-free inputs	24
DIGITAL OUTPUTS	
Independent NO relays, 250 VAC/5 A	8
ADDITIONAL SPECIFICATIONS	
Operating temperature	0.. +55 °C
Storage temperature	-30.. +85 °C
Operating humidity	Max 95% r.H., no condensation
Protection degree	IP20
Mounting	DIN rail, for indoor use only
Dimensions	161.6x90x62.2 mm
Weight	350 g

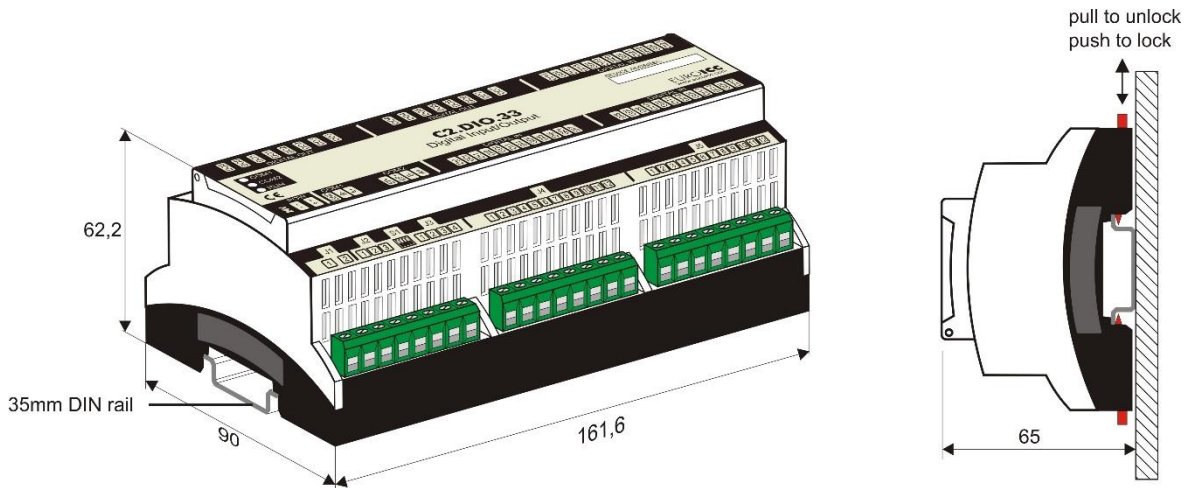
**PRODUCT FEATURES**

- » Possibility to store operating plans in non-volatile memory
- » Programming is done using PC application
- » Configuration, programming and debugging through USB port
- » Resource sharing between controllers through BACnet network. Data sharing is performed without intervention of the supervisory system
- » RTC (real-time clock) with auxiliary power supply
- » Stand alone operation option
- » DIP switch selectable standard polarization and termination resistors on primary communication port
- » Modbus master expansion port with DIP switch selectable termination resistor and power supply output

**WIRING AND RESOURCES**



**DIMENSIONS AND MOUNTING**



**SAFETY NOTES**



- The device is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- It may only be installed by suitably trained personnel.
- Any legal regulations or regulations issued by authorities must be observed during assembly.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.