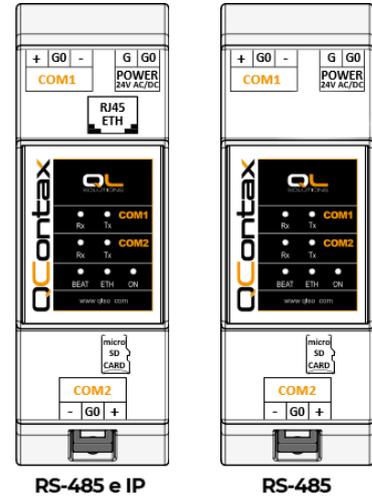


The QContax-IONET Gateway enables integration of the Emerson CPC IO-Net Multiflex I/O cards into Niagara Framework. The interface can be used with any JACE. Thanks to this solution it is possible to acquire control of the Emerson I/O Multiflex cards and directly manage all the control logics on JACE. This allows all field modules to be preserved, including probes, sensors, actuators, wiring, etc., already present in the field, saving time and money.

Available in 2 versions: RS-485 and IP or only RS-485.



### Key Features

- 1 ETHERNET port 10/100 Mbit/s (only for IP version).
- 1 RS485 slave port for communication to JACE controller.
- 1 dedicated serial port for Emerson IONET communication bus and Modbus.
- I/O cards discovery function and recognition.
- Points discovery function.
- Support of the Modbus protocol (optional) simultaneously with the IONET protocol on the same communication bus.

### This solution supports the following MultiFlex I/O cards:

- MultiFlex 1616L
- MultiFlex 1616LAO
- MultiFlex 1616LDO
- MultiFlex 168
- MultiFlex 168AO
- MultiFlex 168DO
- MultiFlex 16AI
- MultiFlex 88
- MultiFlex 88AO
- MultiFlex 8R0SMT



## Specification

### Power Supply

DC: 24V  $\pm$  20%, 5W  
AC: 24V  $\pm$  20%, 7.5VA

### RS485 Interface

Up to 8 parallel gateways  
Proprietary protocol  
Baud rate 9600/19200/38400/57600

### Ethernet Interface

Fast Ethernet IP  
Proprietary protocol  
Data transmission 10/100 Mbit/s

### RS485 IONet Interface

IONet Protocol  
Baud rate 9600/19200

### Gateway Protection

IP40 - for indoor installation

### Temperature

Operating temperature: -10° C to +50° C  
Storage temperature: -40° C to +85° C

### Humidity

5 to 95% RH, no condensation

### Connectors

Removable  
max cable size 2.5 mm<sup>2</sup>

### Dimensions

37mm x 110mm x 62mm

### Mounting

DIN rail mounting  
(DIN EN 50022 norm)

### Housing Material

Plastic, self-extinguishing PC/ABS

