

IQ422 Controller



OVERVIEW

The **IQ422 series of intelligent controllers** is designed for localised intelligent control of distributed plant. The complement of 6 universal inputs and 6 analogue voltage outputs make the product ideally suited to small-medium sized applications as well as advanced unitary control. Full compatibility with the Trend IQ system enables the IQ422 to integrate the local environmental needs with the main building energy management system, optimising both comfort and running costs.

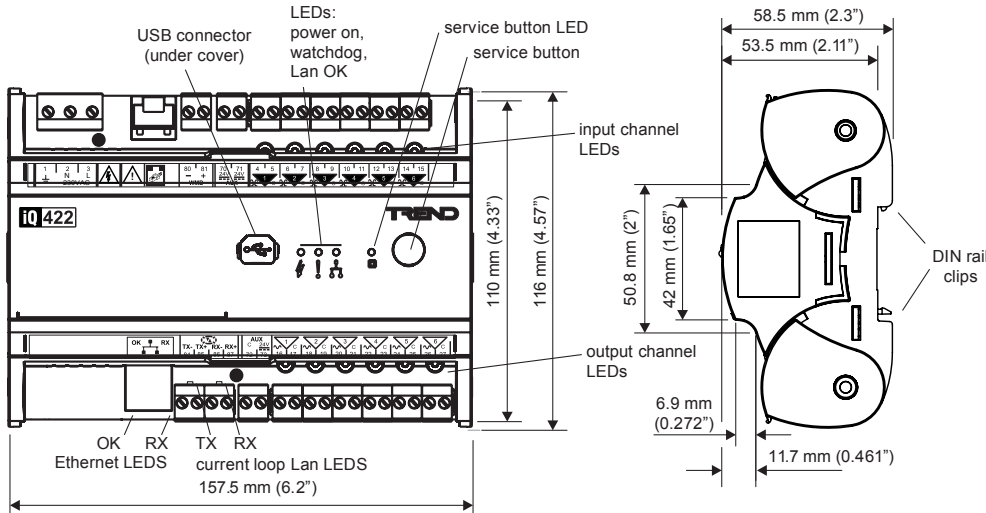
KEY FEATURES

- **Ethernet 10/100 Mbps main network with TCP/IP protocol**
- **Trend current loop LAN option**
- **BACnet over IP option**
- **3 vCNC connections**
- **Small footprint with DIN rail mounting**
- **RS232 and USB local supervisor ports**
- **Soft addressing with Barcode addressing**
- **Embedded XML Web Services as standard**







KEY BENEFITS

- **Reduced panel size**
Trend's smallest ever physical footprint for a 6UI/6AO controller. With its small footprint and vertical connector block extraction the IQ422 is ideally suited to confined space applications.
- **Reduced installation time**
The IQ422 has soft configurable inputs and addressing with automatic baud rate selection and IQTool compatibility. This greatly reduces engineering and commissioning time thereby reducing the cost of install.
- **Superior IT integration**
The IQ422 has an open system support and integration option that allows integration with IT infrastructure. A new style web interface facilitates the use of mobile devices, such as smartphones and tablets.
- **Cost effective means of controlling a variety of applications**
With fully programmable 6UI/6AO the IQ422 can provide intelligent control of a wide variety of plant. Perfect for small to mid sized applications with the power to support advanced control applications including remote web supervision with graphical representation and control adjustments.

iQ 422



KEY INSTALLATION FEATURES

-  Baud rate (when a Trend LAN is used) is automatically detected and applied to the network.
-  Soft configurable universal inputs, no need for jumper setting.
-  DIN compatible casework to fit within standard electrical enclosures.
-  Network addressing via SET, no DIP switch setting required.
-  Barcode addressing option for faster commissioning.
-  Vertical connector block extraction enabling the use of smaller enclosures thereby reducing cost of install.

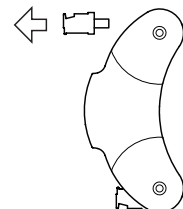
SIMPLIFYING INSTALLATION

The IQ422 incorporates a number of features that simplify installation, engineering and commissioning, and is particularly suitable for energy efficient, highly distributed local control of services such as underfloor heating, natural ventilation, boiler plant, VT circuits, air handling units and air conditioning terminal units. It acts as a state-of-the-art upgrade to Trend's IQ222 and IQ3xact products and comes in 24V and 230V variants.

VIEW THE MOBILE DEVICE FRIENDLY IQ422 WEB INTERFACE:
iq4demo.trendcontrols.com, username: mobile, password: trend



ORDER CODE	DESCRIPTION
IQ422/12/24VAC	IQ422 24V Power Supply
IQ422/12/230	IQ422 230V Power Supply
IQ422/12/LAN/24VAC	IQ422 with Trend LAN 24V Power Supply
IQ422/12/LAN/230	IQ422 with Trend LAN 230V Power Supply
IQ422/12/BAC/24VAC	IQ422 with BACnet 24V Power Supply
IQ422/12/BAC/230	IQ422 with BACnet 230V Power Supply
IQ422/12/LAN/BAC/24VAC	IQ422 with Trend LAN & BACnet 24V Power Supply
IQ422/12/LAN/BAC/230	IQ422 with Trend LAN & BACnet 230V Power Supply



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