



Synchronised
Solar Shading



JACE 800

JACE 8000

The JACE® 8000 is a compact, embedded IoT (Internet of Things) controller and server platform for connecting multiple and diverse devices and sub-systems. With internet connectivity and webserving capability, the JACE 8000 controller provides integrated control, supervision, data logging, alarming, scheduling and network management. It streams data and rich graphical displays to a standard web browser via an Ethernet or wireless LAN, or remotely over the internet. Niagara Enterprise Security is an application that runs within the Niagara Framework® on the JACE 8000. Niagara Analytics is a data analytics extension to the Niagara Framework available on JACE 8000 controllers.



Intended Use

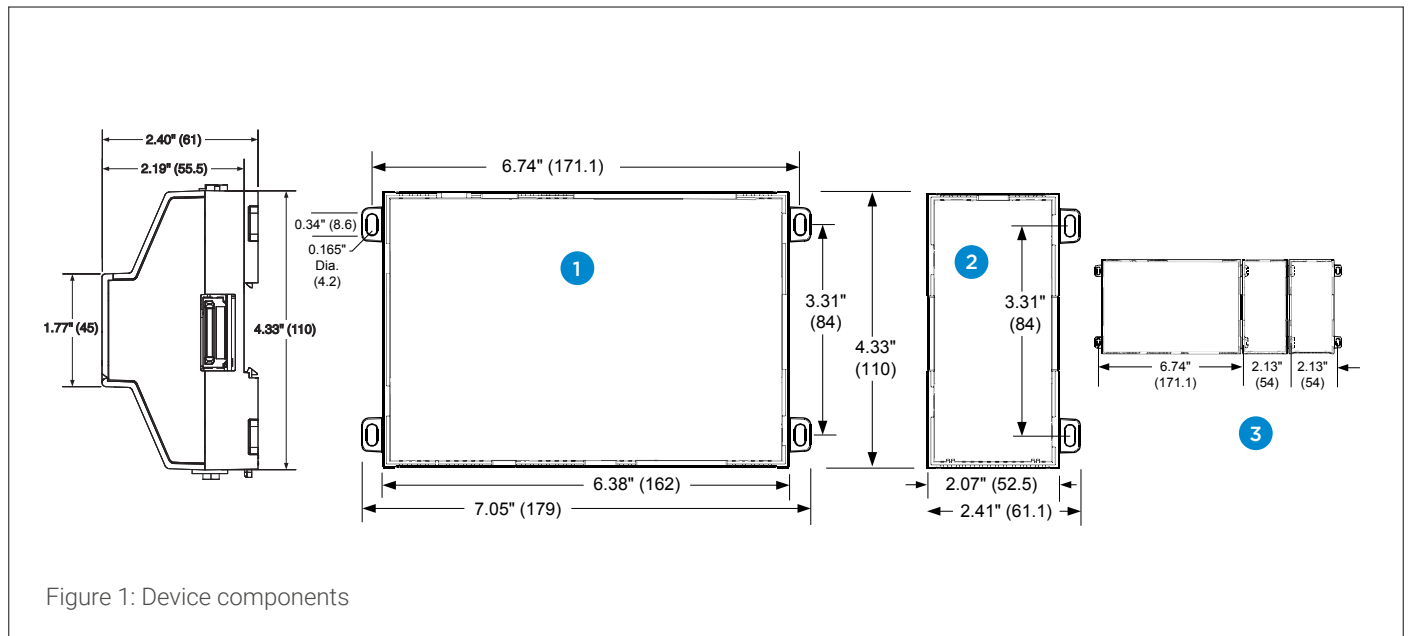
The licensing model for the JACE 8000 controller is simplified and features standard drivers, along with optional IO and field bus expansion modules for ultimate flexibility and expandability. The JACE 8000 controller operates with Niagara 4, the latest version of the Niagara Framework, for optimum performance. In larger facilities, multi-building applications and large-scale control system integrations, Niagara 4 Supervisors can be used with JACE 8000 controllers to aggregate information, including alarms, and historical and real-time data, to create a single, unified application.

Key Features

- Powerful Niagara 4 hardware platform with easy software upgrade capability
- Modular hardware design for fast and easy installation
- Tool-less installation
- Expandable with up to four option modules
- Native Wi-Fi capability
- 24V AC/DC—standard global power supply
- Standard open drivers included
- Easy to select the right capacity license
- Intuitive user interface

JACE® 8000 Controller Mounting & Dimensions

- Allow at least 1.5" (38mm) clearance around all sides and minimum 3" (76mm) at bottom for Wi-Fi antenna.
- Expansion module. Up to four (4) may be used. See "Expansion Module and IO Configurations."
- Distances between center of tabs from one unit to another unit.



Compatible with (DIN43880) enclosures
 Suitable for mounting to a panel or to an EN50022 standard 35mm rail

Agency Certifications

- UL 916
- CE EN 61326-1
- RCM
- FCC Part 15 Subpart B, Class B
- FCC Part 15 Subpart C
- C-UL listed to Canadian Standards Association (CSA) C22.2 No. 205-M1983 "Signal Equipment"
- 1999/5/EC R&TTE Directive
- CCC
- SRRC
- RSS
- RoHS

Environmental Specifications

- Operating temperature: -20–60°C
- Storage temperature: -40–85°C
- Humidity: 5%–95% – Non condensing
- Shipping & vibration: ASTM D4169, Assurance Level II
- MTTF: 10 years+

