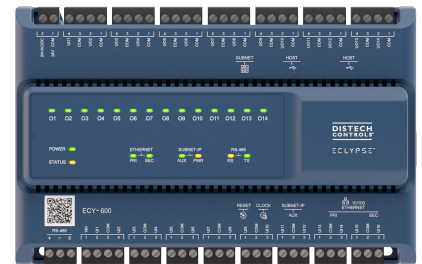


















Eclipse™ Equipment Series Controllers

A generation of Eclipse controllers that includes advanced features and added installation flexibility for your future Eclipse Facilities projects

- **Flexible.** Wider range of supported installation types to allow for easier installation and retrofitting:
 - Can be mounted **vertically and horizontally**; to allow for easier panel retrofits or when horizontal space is limited.
 - **Extended temperature range** of operation (-40 to 158°F (-40 to 70°C)) that will support installations in different equipment types.
 - Software Configurable I/Os reduce controller manipulation.
 - Optimum set of I/Os to control efficiently HPU, RTU, and AHU applications.
- **Designed for IoT.** Multiple networking options reduce installation costs and help with isolating networks.
- **Integrated LCD Screen.** An optional full-color backlit display with jog dial provides direct access to a wide range of controller functions.
- **Improved Fieldbus Integration.** More openness and flexibility towards fieldbus integration (licensed option for connectivity in Eclipse Facilities) on Eclipse controllers with an RS-485 port on more models.
- **Open.** Open platform for easy integration with 3rd party apps and systems.
- **Secure.** Cybersecure hardware that complies with the latest security standards for HVAC equipment controls.
- **Future-ready.** Powered by Eclipse Facilities.



Extended Range of Applications

| | Simple Equipment Control | | | Complex Equipment Control | |
|-----------------------------|---|---|---|---|---|
| |  |  |  |  |  |
| Models | ECY-103 | ECY-203/253 | ECY-300/350 ECY 303 | ECY-400/450 | ECY-600/650 + EGY-IOM |
| Applications |  |  |  |  |  |
| | Fan Coil Unit Zone Control Application Dedicated Air System | Heat Pump Unit Roof Top Unit | Roof Top Unit Small Air Handling Unit | Air Handling Unit | Large Air Handling Unit Chiller / Boiler |
| Onboard IO | 8 | 14 | 16 or 18 | 24 | 30 + Modules |
| External HMI | ECx-Display | | | ECLYPSE-Display | |
| |  Subnet | | | OR |  10"  15"  21" |
| Fieldbus integration |  | | |  | |

Model Selection (ECY-400 Series)

Example: ECY-450-C25

| Se-ries | Model | Connectivity |
|---------|---|--|
| ECY- | 400: 24-Points, 24VAC/DC Power Supply, 12 UI, 12 UO | - C0 : default model if no connectivity is required - C1 C50 : if connectivity is required (see table below) |
| | 450: 24-Points, 24VAC/DC Power Supply, 12 UI, 12 UO, Color display | |

Model Selection (ECY-600 Series)

Example: ECY-650-C25

| Se-ries | Model | Connectivity |
|---------|---|--|
| ECY- | 600: 30-Points, 24VAC/DC Power Supply, 16 UI, 14 UO | - C0 : default model if no connectivity is required - C1 C50 : if connectivity is required (see table below) |
| | 650: 30-Points, 24VAC/DC Power Supply, 16 UI, 14 UO, Color display | |