

Reveal Touchscreen Display

Customisable graphical screens for easy to use interface

The DCT244 Reveal colour touchscreen display provides a highly cost-effective user interface for Niagara^{AX} systems. The Reveal's graphical display is fully configurable through Niagara^{AX} Workbench enabling a series of screens to be customised as required for each project application. A library of graphical icons is included, and others can be easily added. The DCT244 is designed for wall mounting and connects via an RS485 network to a JACE, enabling the display of real-time information for everything from comfort set-points to alarm data and system performance. Up to 4 units can be connected on the network to each JACE.



Key features

- 480 x 272 high definition, 24-bit colour LCD touchscreen interface
- Easy and efficient data access
- Up to 5,000 screen, navigation elements and data points can be displayed or modified
- Monitor system status and alarms
- Instant access to set-point changes and overrides
- Password protection for set-points and device settings
- Customisable screens and icons
- Automatic network time synchronisation
- Can be updated via a USB drive or using remote download
- RS485 serial connection to JACE (can use multiple displays on each network)
- 24Vac power supply

Applications

Wherever system information is needed, either in an occupied area or in a plant room.

The Reveal touchscreen is as unobtrusive as any standard wall thermostat, and can be placed wherever you need it for easy access to information at any time. Multiple displays can be connected to a JACE and data from anywhere on the site can be displayed.

Easily create screens within Niagara^{AX} to provide a customised solution to meet the user requirements.

Reveal Touchscreen



Specifications

Screen

Type: 480 x 272 high definition, 24-bit colour LCD
 Width: 94 mm
 Height: 54 mm

Physical Dimensions

Width: 167 mm
 Height: 98 mm
 Depth: 34 mm

Power Supply

20 - 30Vac 50/60Hz, 8VA, Class 2
 NOTE: each touchscreen unit must have its own isolated, non-grounded, 24 VAC power source

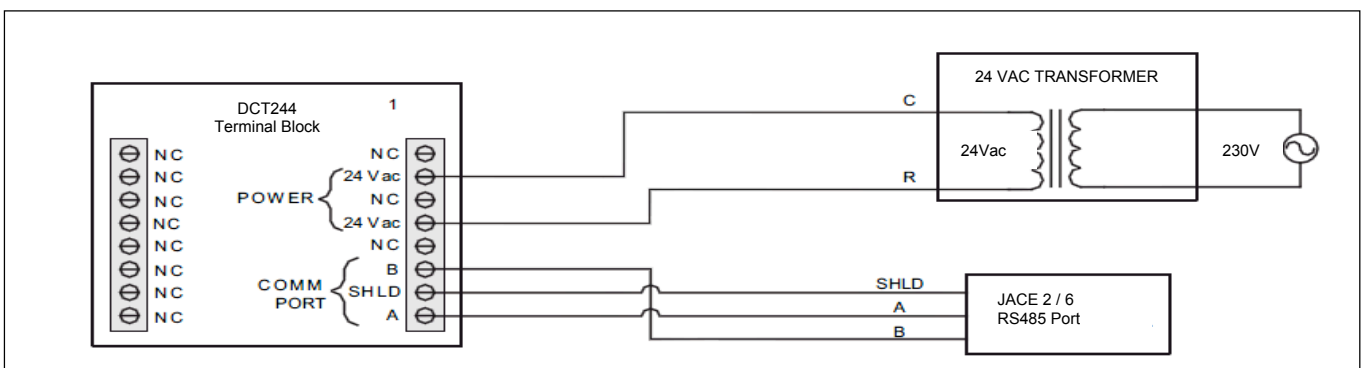
Installation Guidelines

The LCD colour display is suitable for indoor use only, typically within an office or suitable area.

Waste Electrical & Electronic Equipment

Customers are advised to dispose of this product at the end of its useful life according to applicable local laws, regulations, and procedures.

Wiring



Housing

Construction: Plastic, screw mount chassis
 Cooling: Internal air convection
 Wiring access hole provided at the back of the case.

Environment

Operating range: -10°C to 50°C (14°F - 122°F)
 Storage Temperature range: 0 to 70°C
 Relative humidity: 5 to 95%, non-condensing
 Enclosure rating: IP40 – designed for indoor spaces

CE Declaration of Conformity

conforms with EMC Standard EN61326.

Operating System

Niagara^{AX} 3.4 or later

NOTE: To maintain international compliance, the DCT244 must be powered by a CE-certified transformer.

How to order

Part Number.	Description
DCT244	Colour Touchscreen Display



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