

TouchXL



TouchXL Orbit, TouchXL Intuitive Display & TouchXL TDB



HD MULTI-TOUCH SCREEN CONTROLLERS

RDM's TouchXL provides a remote user interface for DMTouch - RDM's control and monitoring system front-end – and for the Intuitive range – RDM's HVACR controllers. It is also available as a standalone controller and display in one.

With a high-definition, graphical multi-touch display, TouchXL devices offer easy access to the data and settings of your control infrastructure. TouchXL Orbit and TouchXL TDB variants can also function as repeaters within a fibre communication network as they can be installed up to 2,000 metres from their host controllers.

All TouchXL variants feature a built-in alarm sounder and notification LEDs to ensure important warnings from the HVACR control and monitoring system are communicated to local users. The power supply options are flexible for all variants with a choice of 24Vdc or Power over Ethernet (PoE). PoE simplifies the installation of a TouchXL device by allowing a single cable for both power and data communication.

Overview


The TouchXL Orbit and the TouchXL Intuitive Display variants provide a remote user interface for DMTouch and Intuitive controllers by mirroring the menu and navigation structure found within the respective devices. They enable remote access to the data and settings of a control system, allowing users to manage devices from a convenient location on-site.

The TouchXL TDB variant is a PLC controller for HVACR applications and display in one. TDB, RDM's PLC software, is built-in as standard. The software licence lasts for the lifetime of the hardware without any annual subscription fees. PLC programs can be edited or created on the device or by using the free-to-download TDB Desktop Editor Software. Over 500 hard points can be controlled using a range of CAN bus expansion modules, plus additional software points, such as Modbus.

Key Features

- 10.1" multi-touch display
- Up to three TouchXL Orbits per DMTouch
- Up to 16 TouchXL Intuitive Displays per Intuitive controller
- Fibre, IP and USB communication options
- TouchXL TDB: Built-in PLC software featuring lifetime software licence

Technical Specifications

FEATURE	SPECIFICATION
Display	Type: a-Si TN TFT Colour, Dimensions: 10.1", Resolution: 1280x800px, Backlight: LED, Backlight Lifespan: 15,000 hours
Output	1 Relay Output: Volt Free. 2A resistive load 24Vac, 2A inductive load 30Vdc
Connectivity	1x Micro USB Port, 2x Ethernet IP Ports (One with Power over Ethernet capability) 1x CAN bus Network Interface (TouchXL TDB variant only)
Power Supply	24Vdc, +/-10% 13W POE Class 0, 12.95W 50 - 60 Hz
Environmental	Operating Temperature: 0°C to 50°C Storage Temperature: -10°C to +60°C Operating Humidity: 80% Maximum
Dimensions	WxHxD: 173mm x 245mm x 31mm (6.8 x 9.6 x 1.2")
Certifications	

Ordering Information

Y	PRODUCT TYPE	Z	COLOUR
OB	Orbit	WH	White
ID	Intuitive Display	BK	Black
TDB	TDB Controller		

EXAMPLE:

To order a TouchXL TDB Controller in black with fibre, quote: **PR0617 TDB BK**

Accessories

FEATURE	PART NUMBER
TouchXL 0.63A 15W DIN Rail Mount 24V PSU	PR0618
TouchXL Power over Ethernet (PoE) Injector Kit	PR0619
8 Input High Speed USB Pulse Counter*	PR0622 DIN
USB to RS485 Modbus Adapter*	PR0623 DIN
BACnet IP Interface (Server) Enabler*	PR0655-BAC
Intuitive CAN bus Expansion Boards*	PR0660-PR0663, PR0681, PR0653
USB 4 Port Hub*	PR0624 DIN
USB to Fibre Adapter**	PR0459-FIB

*TouchXL TDB variant only

**TouchXL TDB & Orbit variants only

FREE Lifetime Software Licence



Fibre Connectivity



Remote Monitoring

5YR

5-Year Warranty