

Description

E-TOUCH is a local level man-machine interface (MMI). This sits directly on the network (CAN Bus) at the automation level, alongside the controllers in the system.

E-TOUCH provides a rich set of functionalities, some of which can be configured at the commissioning stage. These allow users to interrogate and manage control settings at a local level. Acting as the local interface, users can carry out functions, such as setting occupancy times and temperature set-points.

E-TOUCH is ergonomically designed and consists of an intuitive graphics LCD with a touchscreen interface for ease of operation. The LCD screen has LED backlighting with colour choice. The unit is recessed wall-mounted to give a slim profile. A remote sensor can be installed in tandem with E-TOUCH to provide local temperature indication and control.

Features

- 3.5" full colour touch screen
- Wall mounted with slim profile (only 9mm protrusion)
- Thermistor sensor connection for remote sensor

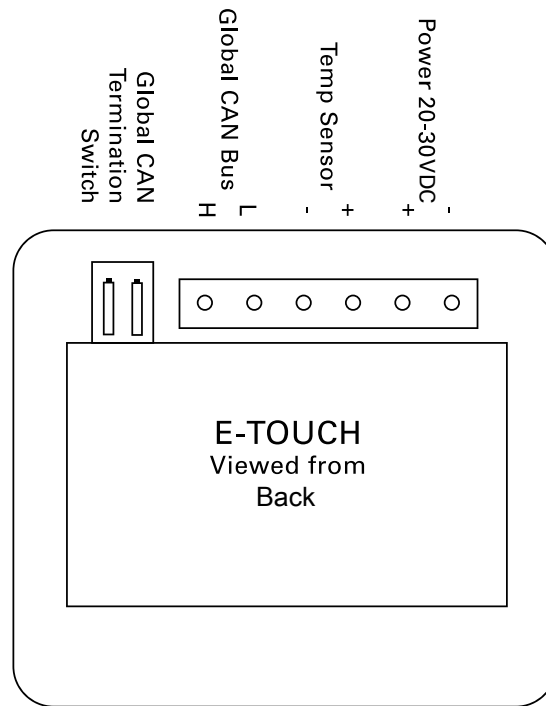


CE fully EMC tested and manufactured by an ISO 9000 accredited UK company

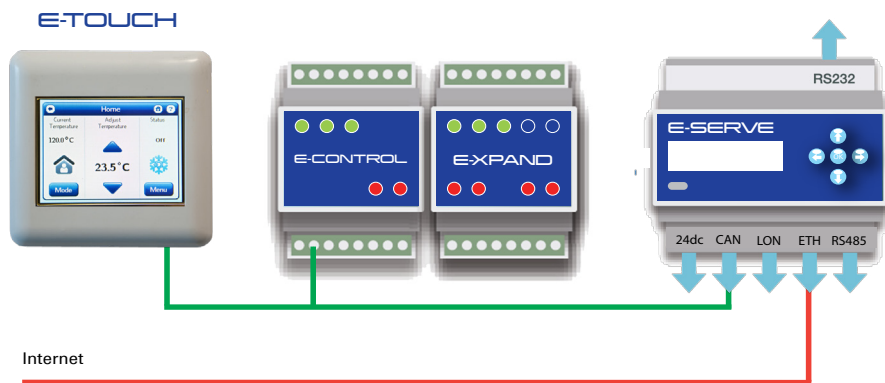
Specification

Power	
CPU	ARM Cortex M3
Speed	8Mhz Xtal (clocked up to 72Mhz)
Cycle time	10mS
Flash	256K
Ram	64K
Supply voltage	24VDC
Supply current	70mA active (30mA standby/no backlight)
Inputs and outputs	
Thermistor (T)	Thermistor input scaled for 10K3A1 sensors, accuracy 1% of span
Display	
Graphics LCD with touch interface	320x240 resolution with LED backlight. Resistive touch screen interface with calibration facility
Construction	
Enclosure	Patress mounting in 35mm back box
Dimensions	100mm x 100mm x 9mm (HxWxD) in wall 98mm x 98mm x 31mm (HxWxD) total
Material	Self-extinguishing PPO
Colour	Optional
Weight	108g
Environmental	
Emissions	EN61000-6-2
Immunity	EN61000-6-3
EU	EN60950 (Installation Category III – fixed installations)
Protection	IP20, NEMA1
Storage	-10°C (14°F) to +50°C (122°F)
Operating	0°C (32°F) to 45°C (113°F)
Humidity	0 to 90 %RH non-condensing

Connection diagram



Network diagram



Installation / Commissioning: Please follow guidelines in the E-MAGINE Installation and Commissioning documents (available separately).

Wiring precautions: Always follow electrical installation guidelines and latest regulations for the relevant country of installation.