

ProxiTouch Touch To Exit

Installation

Please read through these instructions before installation or use.

In the box you should find: Touch-to-exit (TTE) unit with a brushed stainless steel faceplate.

WARNING: The TTE faceplate must not be earthed! It must be electrically isolated from earth to operate. See section "Isolation" for details.

Connections

The TTE has 5 connections. With the connector on the right hand side of the board these are, from top to bottom, +12V DC, 0V (-, Gnd), relay output common, relay output normally closed, relay output normally open.

If the TTE is being used together with an EasyOpen unit make connections as follows:

TTE	EasyOpen
+ (+12V DC)	+VDC Out
- (0V, Gnd)	Gnd
COM (Common)	Gnd
N / C (Normally Closed)	Do Not Connect
N / O (Normally Open)	Req EXIT

The EasyOpen unit provides a power connection ("+VDC Out") suitable for powering the TTE. The "Req EXIT" connection on EasyOpen is the input that is triggered when the TTE is touched.

Use

Simply touch anywhere on the TTE faceplate to operate, the entire faceplate is touch sensitive. Indeed, the unit is very sensitive, actually proximity sensitive and can also be operated by bringing the palm of your hand in close proximity to the faceplate, rather than touching it. When the TTE is used, an audible click should be evident as the internal relay operates. The TTE output will de-activate automatically when the touch is removed. If the TTE is touched continuously for 10 seconds, the TTE output will de-activate automatically. To re-activate, remove your touch, wait one or two seconds and reapply touch.

Isolation

The TTE faceplate must not be earthed! It must be electrically isolated from earth in order to operate. If the faceplate is mounted on a plastic back-box / pattress, this will typically provide more than adequate isolation. If the faceplate is mounted onto a metal back-box, ensure that the back-box is not earthed. If the back-box cannot be isolated, isolate the TTE faceplate from the back-box using plastic screws and an isolating gasket.

SPECIFICATIONS

Operating Voltage (Max)	12V DC (10.5V to 14V)	Sensitive area	Anywhere on faceplate
Current consumption	10mA quiescent (50mA when activated)	Sensitivity	Proximity and touch, even through gloves
Output type	N/O and N/C voltage-free contacts	Faceplate material	Brushed stainless
Output rating	1A @ 30V DC	Graphic	Acid-etched with green, two-part stove enamel finish