

# MTTS-EXIT / MTTBK-EXIT

EN

## Touch button switch



### Introduction

MTT is a request-to-exit switch, It will work independently (standalone) or can equally be connected via a controller to provide exit from a secured area (Push Button Input). With its slim looks and die-cast metal (or ABS) body, the MTT combines elegance and aesthetics with ruggedness and reliability.

### Features

- Feather light touch control
- Works in Pulse and Latch mode
- Ideal for a wide range of applications
- Vandal-resistant (MTTS-EXIT version)
- Resin Potted Electronics

Audio and Visual indications:

- Front dual light indication
- Buzzer sound on every touch

### Specifications

Input voltage:	12-24 VDC; 15-24 VAC;
Current consumption:	max.65mA
Relay Output:	2A at 24V DC / 120V AC Cable,
Panel Connection:	0.5 m
Indicators-LED:	Normal - RED
	Relay Operation – GREEN
Operating Temperature:	-20° to 50°C
Operating Humidity:	Non-condensing up to 95%RH
Dimension (mm):	x 51W x 25H (Metal)
	92L x 51W x 27H (ABS)
Housing:	Die-cast Aluminium alloy or
Touch Plate:	bABS Mild Steel Painted
Protection:	IP65

### INSTALLATION

#### Mounting instructions

1. Identify a suitable location on wall or flat surface.
2. Stick the Drilling Template provided on chosen location. Drill 3 holes as indicated in the diagram.
3. Insert 3 nos. of 5 mm wall plugs provided into the drilled holes.
4. Route the cables through the holes provided in the BackPlate.
5. Fix the Backplate firmly on the wall using 3nos. of 3x30mm CSK screws
6. Connect wires.
7. After wiring, place the Housing over the fixed backplate and guide the slot into the backplate tab and slide it downwards.
8. Fix the Housing to the Back-Plate with a M3 x 6 mm Security Screw on the bottom of the Housing using a Security Screwdriver provided.

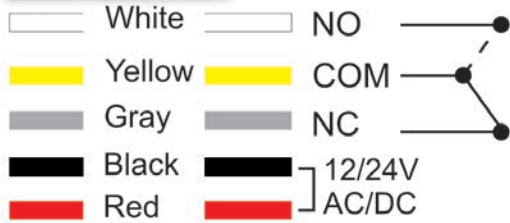
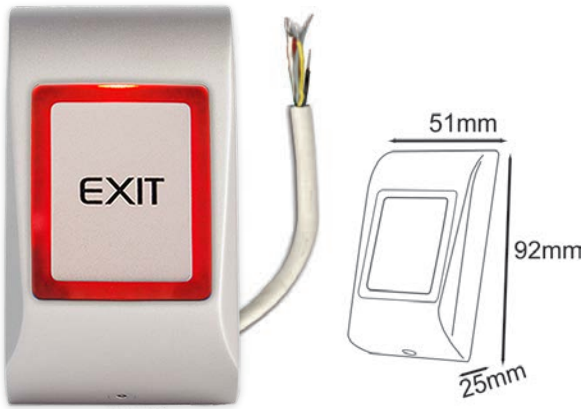
**Important Note:** Several layers of protection are provided against transient voltages from static discharge, lightning and power supply spikes. For protection to be fully effective, earthing should be done correctly.

### WIRING AND APPLICATIONS

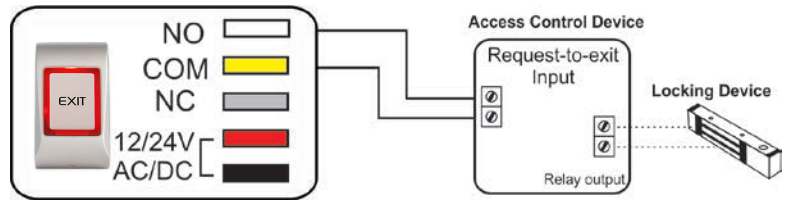
- Light switches
- Exit button (Access control)
- Elevator buttons
- Industrial panels



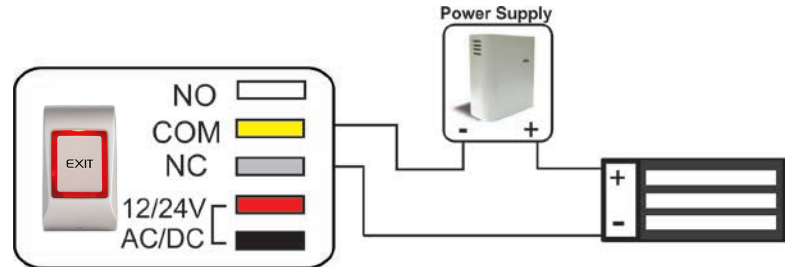
## View



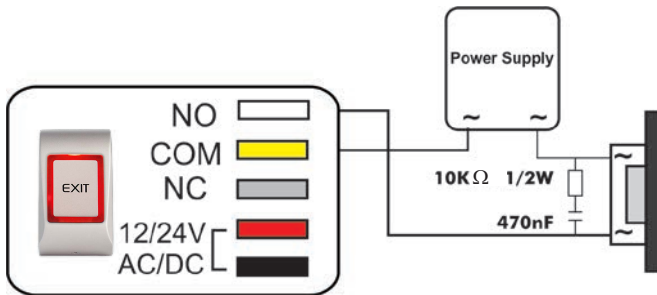
## Application & Wiring



## Output Connection for DC Device - Fail Open



## Output Connection for AC Device - Fail Secure



## Backlight ON/OFF



## OPERATION

MTT operates in Latch and Pulse mode. The time is set by Dipswitch setting.

**Note:** Set the operating time only before switching on power to the MTT. If the operating time is to be changed, select a new time setting and then wait a few seconds for the circuit to re-adjust before switching back the power.

The table illustrates the dipswitch settings in different modes

Operation	Switch 1	Switch 2	DipSwitch
Latch Mode	ON	ON	
10 Seconds	ON	OFF	
5 Seconds	OFF	ON	
3 Seconds	OFF	OFF	

### Approvals and Safety standards

Immunity: Meets to EN50082-2 (EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5 and EN61000-4-6)