

1.0 OVERVIEW

1.1 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 body, the Metal Touch combines elegance and aesthetics with ruggedness and reliability.

1.2 Features

- Feather light touch control
- Works in Pulse and Latch mode
- Ideal for a wide range of applications
- Vandal-resistant
- Audio and Visual indications:
- Front dual light indication.
- Buzzer sound on every touch.

1.3 Specifications

Input voltage:	12/24V AC/DC
Current consumption:	min.50mA max.110mA
Relay Output:	2A@ 24 DC / 120V AC
Indicators-LED:	Normal - RED
	Relay Operation – GREEN
Operating Temperature:	-15° to 55°C
Operating Humidity:	Non-condensing up to 95%
Dimension (mm):	92L x 51W x 25H
Housing:	Die-cast Aluminium alloy housing
Touch Plate:	Stainless steel
Protection:	Ip66

2.0 INSTALLATION

2.1 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.

3.0 WIRING and APPLICATIONS

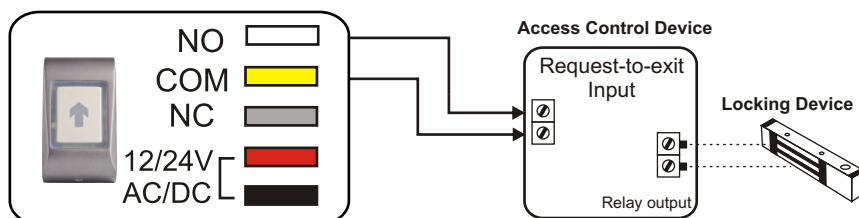
- Light switches
- Exit button (Access control)
- Elevator buttons
- Industrial panels



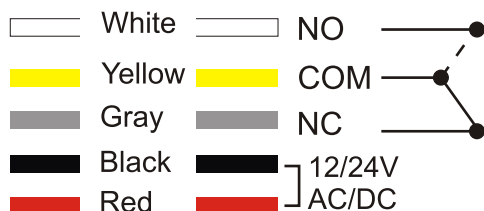
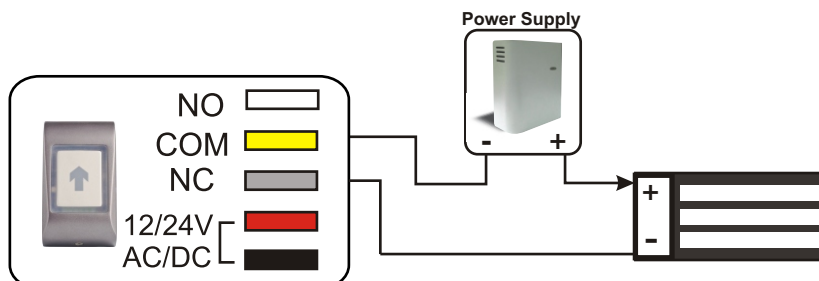
3.1 View



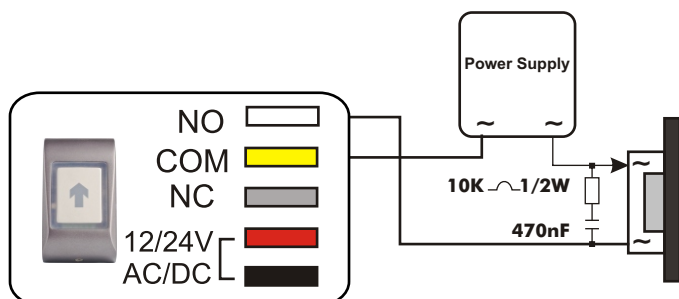
3.2 Application & Wiring



3.3 Output Connection for DC Device - Fail Open



3.4 Output Connection for AC Device - Fail Secure



4.0 OPERATION

The table illustrates the dipswitch settings in different modes

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.

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

Warranty: VPC warrants its products to be free from defects in material and workmanship for 24 months from the date of shipment. The product is to be installed in accordance with VPC's instructions and the unit should not be modified or tampered with. VPC does not assume any responsibility for damages arising from misuse of the product. VPC's sole responsibility is limited to the repair or replacement when the product is sent to VPC's facility. Visual Plus Corporation, Avenue du Congo 11, 1000 Brussels, Belgium.



As per the European Directive's 2002/95/EC & 2002/96/EC

This product is in compliance to the restriction of hazardous substance - ROHS under (Directive 2002/95/EC) and this product should not be disposed in the municipal waste stream but should be handed over to any designated collection facilities appointed by the government or the local authorities to enable recovery & recycling as per WEEE (Directive 2002/96/EC). w.e.f 1st July 2006