

## DESCRIPTION

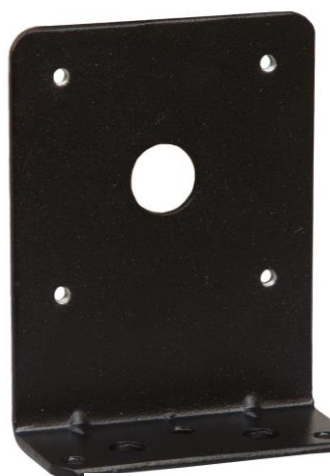
A fire door retaining magnet designed to hold open fire doors equipped with suitable door closing devices normally located in public areas of multi occupied buildings. Fire tested to meet BS EN 1634-1:2014.

This unit can be used with a power supply that is capable of being linked to a building's fire alarm system. Such a linking enables the normally held open doors to close when the power supply cuts off power to the magnet either by an input from the fire alarm or via the red manual release button located on the stainless-steel plate of the magnet.

## SPECIFICATION

- Dimensions (mm): 90(L) x 90(W) x 40/50(H)
- Input: 55mA @24VDC max (not to be used with AC)
- Holding force: 45 KG
- Maximum door width: 1400mm
- Minimum door open angle: 65deg
- Door closer power: 3 – 7

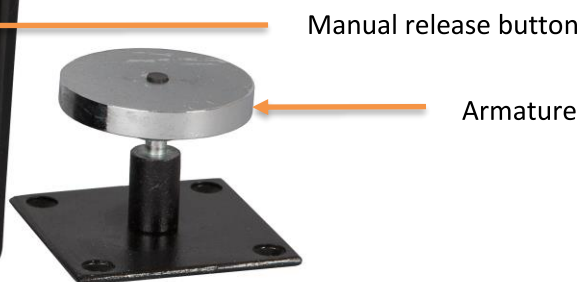
## DIAGRAM



SSP. 15660



SSP. 15655



## MOUNTING OPTIONS

NOTE- Where possible, locate at middle door height to avoid door leaf distortion

### a) FLUSH MOUNT

Fit the S/S plate (magnet assembly) to a single gang box (min. depth 35mm) which is securely fitted to withstand the holding force. Ensure red manual release switch is easily accessible.

### b) SURFACE MOUNT

Securely fix the surface back box supplied. Fit S/S plate (magnet assembly) with fixings supplied. Ensure red manual release switch is easily accessible.

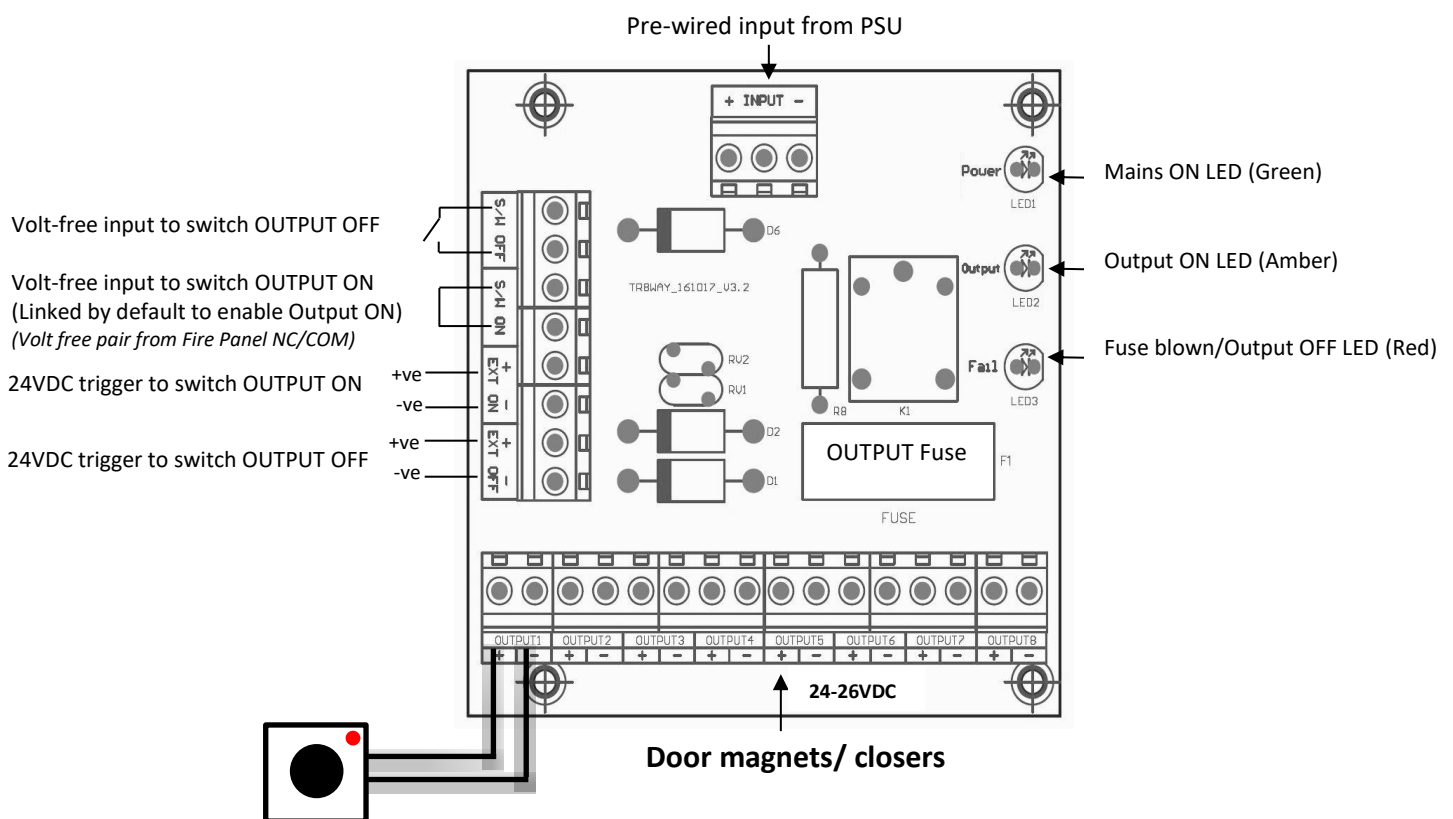
### c) FLOOR MOUNT

Securely fit floor mounting bracket ( SSP. 15660 ) with fixings supplied. Fit surface back box to floor bracket and continue as procedure above.

## ARMATURE (KEEPER PLATE)

Fix the keeper plate to the door leaf in line with the magnet. The armature bracket is fitted with a heavy-duty damper spring and is self-aligning.

## WIRING DIAGRAM USING TRS power supply (suitable for ALL door magnets and electronic door openers and closers)



NOTE- connect 24VDC cable from the power supply(non-polarity) to the terminal block fixed at rear of the magnet