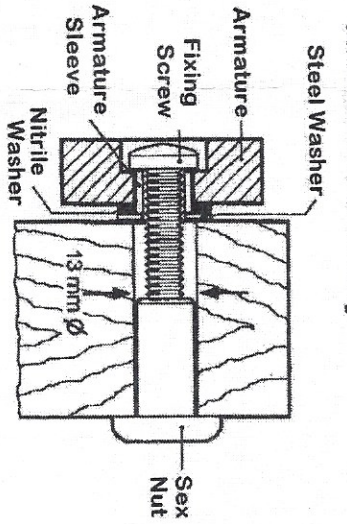
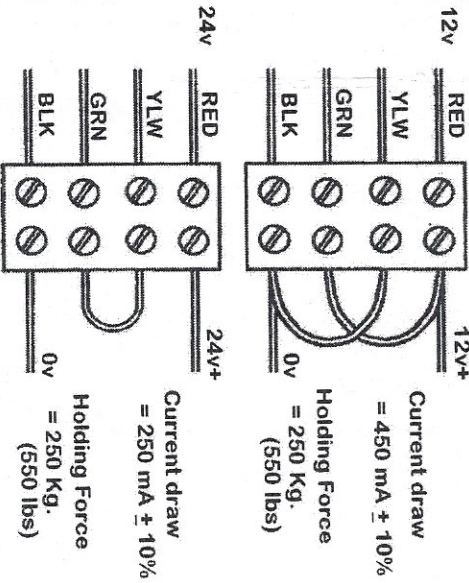


ION INSTRUCTIONS • INSTALLATION INST

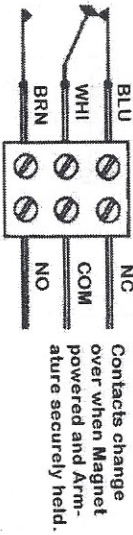
Armature Assembly



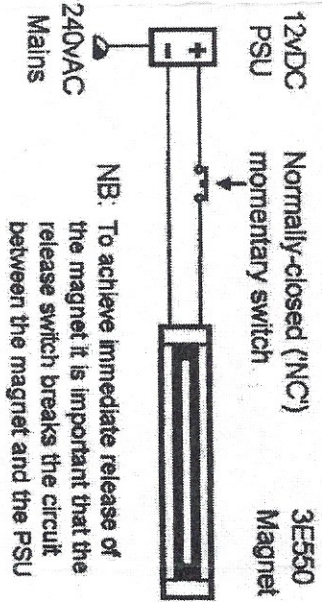
Electrical Connections:



Monitor Connections (Monitored Option Only)



Recommended Switching Example



Cable specification:

Conductor cross-section in mm² against cable-run from PSU via switch to magnet:

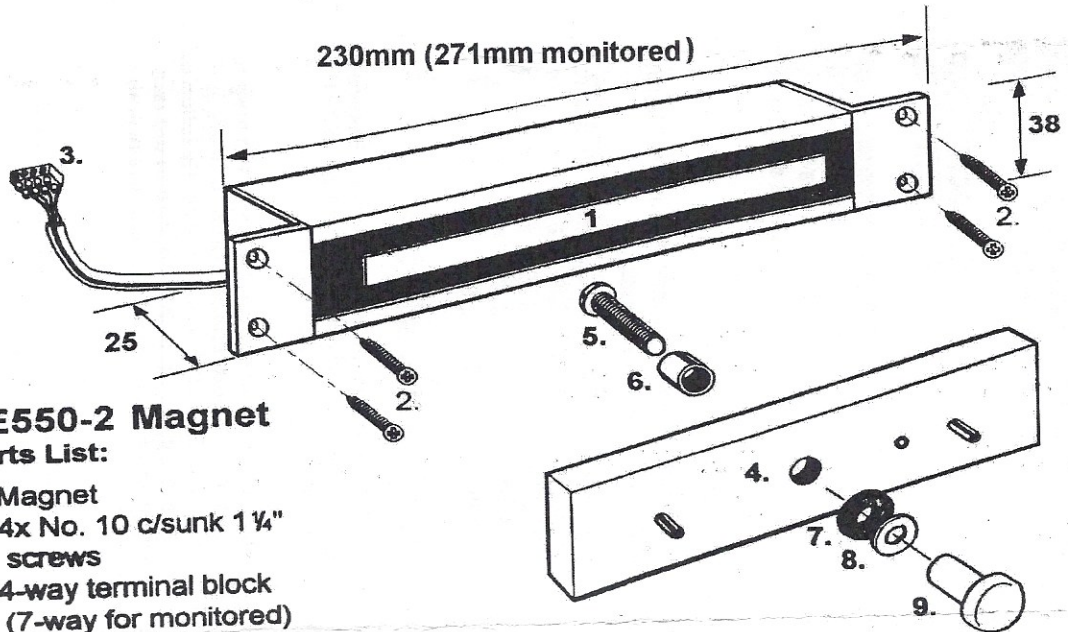
	5m	10m	25m	50m	100m
12V / 1 magnet	0.28	0.5	0.75	1	1.5
12V / 2 magnets	0.5	0.75	1	1.5	2.5
24V / 1 magnet	0.22	0.22	0.5	0.5	0.75
24V / 2 magnets	0.22	0.5	0.5	0.75	1

Testing the Installation:

Close the door and energise the magnet. Ensure that the door is securely held and that the Hall-effect monitor relay (if fitted) changes state.

If the armature is not in full contact with the magnet when the door is closed, check first that the armature assembly instructions have been correctly followed, then, if necessary, add a washer between the face of the door and the nitrile washer around the armature fixing screw.

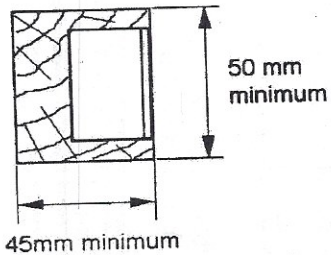
550-2 Mortice Electromagnetic Lock



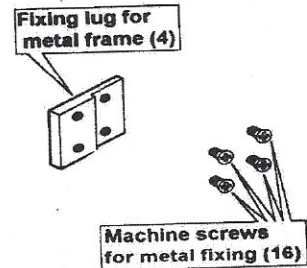
3E550-2 Magnet Parts List:

1. Magnet
2. 4x No. 10 c/sunk 1 1/4" screws
3. 4-way terminal block (7-way for monitored)
4. Armature
5. M8 armature fixing screw
6. Armature sleeve
7. Nitrile washer
8. Steel washer
9. Sex nut

Minimum frame cross-section for Mortice Magnet

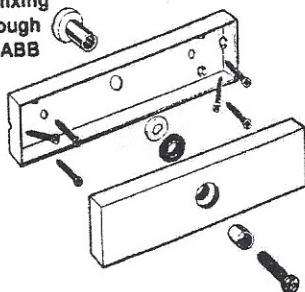


Fixing Lugs 3E550-2SF



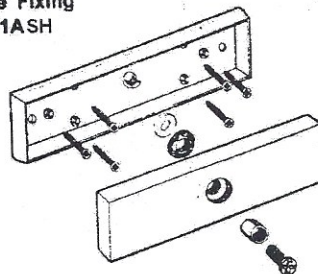
Armature Housing

Mortice fixing
Bolt-through
3E550-1ABB



Armature Housing

Surface Fixing
3E550-1ASH



Armature Housing

Concealed
Mortice fixing
3E550-1ABF

