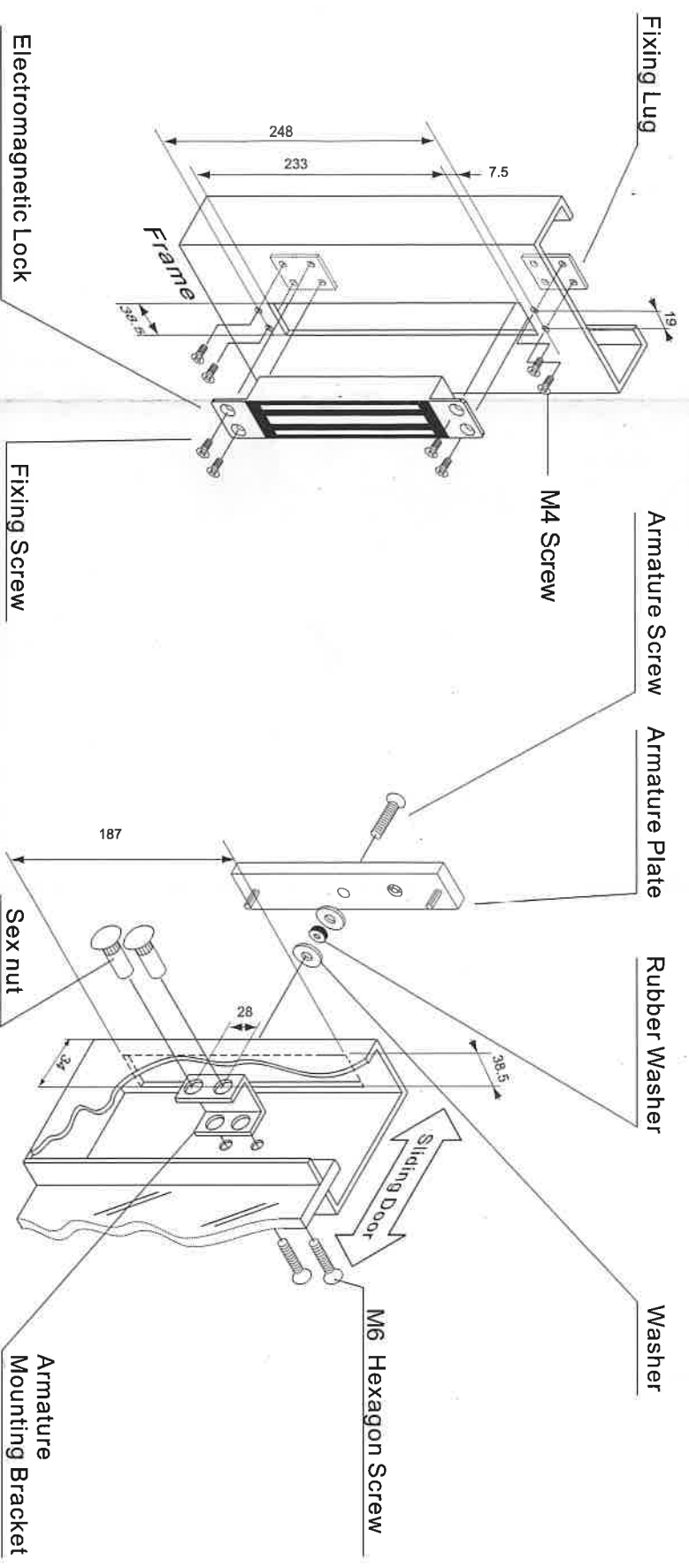


Z4 Series Recessed Electro Magnetic Locks

Please note that the actual accessory pack varies according to the electromagnetic lock model.



PRODUCT INFORMATION

Product Specifications:

Holding force (approx): 600lbs.

Current draw:

For electromagnetic locks without PCB: 460mA at 12VDC (only)
For electromagnetic locks with PCB: 460mA at 12VDC; 230mA at 24VDC

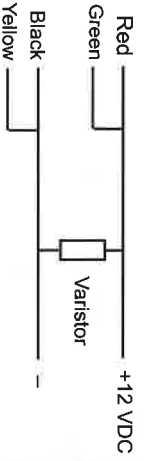
Product Dimensions (L x W x H): 232mm x38.1mm x27.9mm

Product Type:

Besides un-monitored version, this series has armature position sensing (AFS) model that uses a change-over reed switch.

Product Installation and Wiring:

• For electromagnetic lock without PCB, please refer to the schematic diagram below for correct wiring:



• For electromagnetic lock with PCB
Adjust PCB shunt settings for correct operating voltage prior to applying power to the EML.

For 12 volts two shunts must be installed:

- First shunt joining pins 1 & 2

- Second shunt joining pins 3 & 4.

For a 24 volt system only one shunt is required, joining pins 2 & 3.



• For AFS model with reed switch, there are 3 flying leads.
Black is COM, green is NO and white is NC.

The Electromagnetic lock does not require much ongoing maintenance. The customer should be advised to keep the mating faces of the armature and magnet clean making sure that no abrasive materials are used to clean the faces. **Do not spray the magnet or armature with any chemicals such as lacquer as the holding force of the Electromagnetic lock may be compromised.**