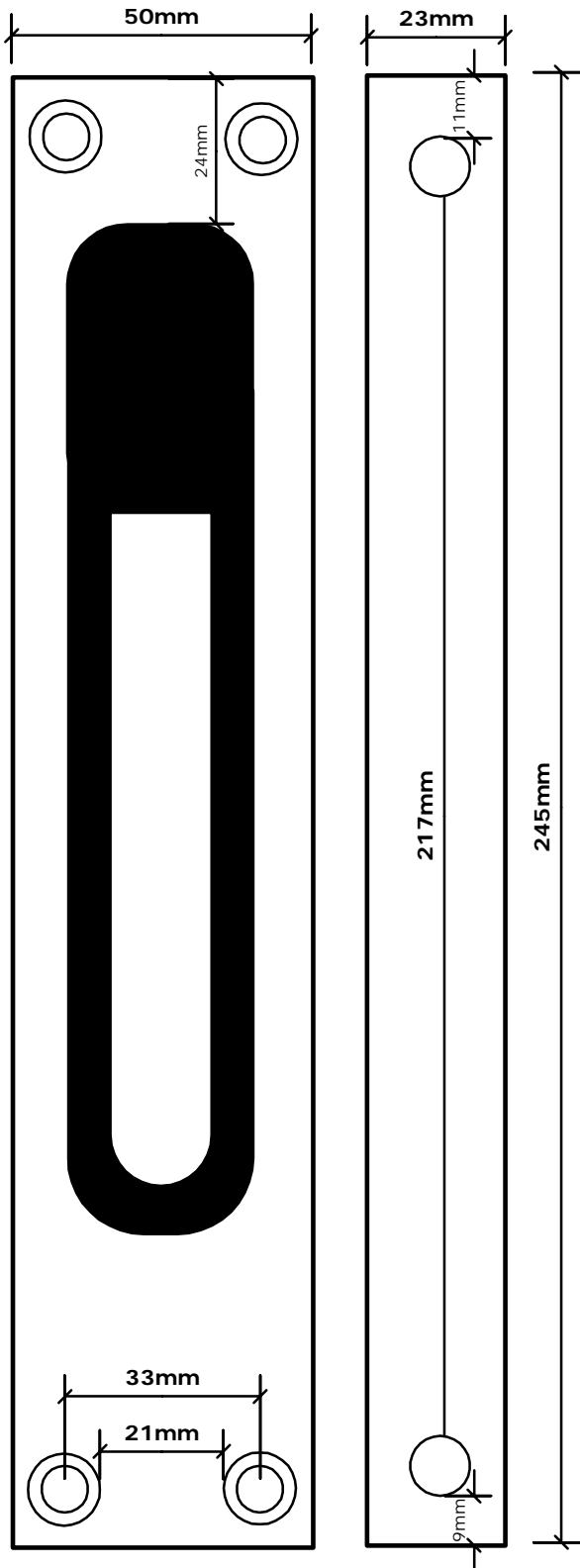


Magnetic Lock

Quick Reference Revision A - July 2001



The AC-8200 Magnetic Lock is designed to provide 300 kg of holding strength at 12V_{dc}. The lock has a built-in closed sensor to ensure proper closed state and a de-gaussing circuit to ensure proper lock release.

The unit must be mounted such that the armature plate can move freely. The armature should be able to move freely but must not be fitted in too loose a manner. Any gap between the plate and the lock will greatly reduce the overall locking ability of the unit. Use Loctite to prevent the armature bolt from unscrewing during use.

Lock Specifications	
Wiring Instructions	
Red	Positive Power (+12 V _{dc})
Black	Negative Power (0 V _{dc})
Yellow	Reed Switch
Green	Reed Switch
Electrical Characteristics	
Operating Voltage	12 V _{dc} Nominal
Operating Current	460 mA @ 12V _{dc}
Duty Cycle	100% @ 24 °C
Holding Strength	300 kg