### ECM5000 - ECM5000M - ECS5000 - ECS5000M - ECS8000 - ECS8000M Surface mount or Mortice Electromagnetic locks

Thank you for buying our products and for the confidence you placed in our company.

## 1] PRODUCT PRESENTATION

- NFS 61-937.
- Surface mounting or mortice\*.
- Relay\*.
- Monitored\*.
- Visual feedback\*.
- High corrosion resistance.
- Delivered with armature plate.
- No mechanical wear.
- Ease of installation.
- Recommended for indoor use.
- Fail safe (Door unlocked when power off).
- Holding force: 300 or 500kg\*.
- Buit-in varistor: Electronic protection to eliminate back EMF.
- Electromagnetic lock dimensions (L x W x D):
  - ECM5000 & ECM5000M = 228 x 38 x 27mm,
  - ECS5000 & ECS5000M = 254 x 45 x 28mm,
  - ECS8000 & ECS8000M = 273 x 67 x 41mm.
- Armature dimensions (I x w x d):
  - 300kg range = 185 x 38 x 11mm,
  - 500kg range = 185 x 60 x 12mm.
- Option: Electromagnetic lock accessories.
- Power supply: 12/24V dc.
- Power absorption:
  - 12 V DC = 550mA,
  - 24 V DC = 275mA.



The ECS5000, ECS5000M, ECS8000 and ECS8000M versions with signalling are suitable for the new regulations covering assistance to persons with reduced mobility.

Refs	Holding force	Visual feedback	Relay	Moni- tored
ECM5000	300kg	-	-	-
ECM5000M	300kg	-	Yes	Yes
ECS5000	300kg	Blue	-	-
ECS5000M	300kg	Red - Green	Yes	Yes
ECS8000	50 0kg	Blue	-	-
ECS8000M	50 0kg	Red - Green	Yes	Yes

#### COLOUR CODES

ECS5000 - ECS8000

BLUE > ACTIVE VOLT

ECS5000M - ECS800

■ RED > LOCKED

■ GREEN > OPEN

OOM	100		
	ARD212	BS602	

Recommended

power supplies



IP42





← EC certification

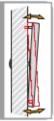


# 2] REMINDERS AND RECOMMENDATIONS

Electromagnetic locks are designed to require very little maintenance. Nevertheless, the following procedures will ensure optimum performance:

- The electromagnetic lock and its armature have a special coating to protect them from corrosion. The contact faces of the lock must always be kept clean to ensure optimal locking.
- An electromagnetic lock works with direct current.

- Make sure that the magnet and the armature meet evenly over their entire mating surfaces. The Armature plate must be able to pivot slightly about its center mounting economics.
- its center mounting screw to compensate for any door misalignment.



<sup>\*</sup> Depending on the version.