EN

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 (l 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.

** Depending on the version.*

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	500kg	Blue	-	-
ECS8000M	500kg	Red - Green	Yes	Yes

COLOUR CODES

ECS5000 - ECS8000
BLUE > ACTIVE VOLTAGE

ECS5000M - ECS8000M
RED > LOCKED
GREEN > OPEN

Recommended power supplies

ARD212

BS602

IP42

RoHS

EC certification

WEEE

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 screw to compensate for any door misalignment.*