

DORMA EM Comfort Line

Smart and Economic Security



RoHS



DORMA EM Comfort Line offers perfect locking solution for security access control systems and emergency exit doors. All locks are fail safe mode, which means, in case of power failure, all doors will be released ensuring effective emergency exit and protect life safety. Available in all standard holding force fulfilling the majority of security demands.

Customer benefits

- Simple and economical locking solution
- Durable and rust proof
- Easy installation with adjustable mounting plate
- Low power consumption reducing the total ownership costs
- No residual magnetism via anti-residual device

	Features					Door type				Order No.
	Holding force	Installation	voltage 12/24 V DC	LSS	gree/red LED	Single/Double- leaf doors	Outswing doors L bracket	Inswing doors L&Z bracket	Glass doors U bracket	
EMC 400 AH	400 lbf	Surface	•	•	–	Single	•	•	•	19860500
EMC 600 ALH	600 lbf	Surface	•	•	•	Single	•	•	•	19860501
EMC 600 AM	600 lbf	Mortise	•	•	–	Single	–	–	–	19860502
EMC 600-2 ALH	600 lbf x 2	Surface	•	•	•	Double	•	–	–	19860503
EMC 1200 ALH	1200 lbf	Surface	•	•	•	Single	•	•	–	19860504
EMC 1200-2 ALH	1200 lbf x2	Surface	•	•	•	Double	•	–	–	19860505

Note: The holding force on the door is dependent on the specific type of installation.

Oder No.

Single Lock



EMC 400 AH

19860500

Single electromagnetic lock with 400 lbf (1779 N) holding force, surface-mounted, with lock status sensor, anodized aluminium finish

Holding force: 400 lbf (1779 N)
 Installation: surface mounted
 Power supply: 12/24 V DC
 Current: 360mA/180mA
 Lock status sensor: yes
 LED: no
 Magnet: 166L x 38.6W x 21H mm
 Armature plate: 130L x 32W x 8H mm
 Application: for light internal doors, glass doors, cabinets, drawers, etc.



EMC 600 ALH

19860501

Single electromagnetic lock with 600 lbf (2669 N) holding force, surface-mounted, with lock status sensor and red/green LED indicator, anodized aluminium finish

Holding force: 600 lbf (2669 N)
 Installation: surface mounted
 Power supply: 12/24 V DC
 Current: 500mA/250mA
 Lock status sensor: yes
 LED: yes
 Magnet: 250L x 47.2W x 26.5H mm
 Armature plate: 185L x 38W x 12.5H mm
 Application: for glass doors, internal swing doors with access control equipment which does not have to be resistant to heavy attacks



EMC 600 AM

19860502

Single electromagnetic lock with 600 lbf (2669 N) holding force, mortise-mounted, with lock status sensor

Holding force: 600 lbf (2669 N)
 Installation: mortise mounted
 Power supply: 12/24 V DC
 Current: 500mA/250mA
 Lock status sensor: yes
 LED: no
 Magnet: 228L x 38W x 27H mm
 Armature plate: 185L x 38W x 12.5H mm
 Application: for sliding doors, internal swing doors with access control equipment which does not have to be resistant to heavy attacks

EMC 1200 ALH

Single electromagnetic lock with 1200 lbf (5338 N) holding force, surface-mounted, with lock status sensor and red/green LED indicator, anodized aluminium finish

19860504



Holding force: 1200 lbf (5338 N)
 Installation: surface mounted
 Power supply: 12/24 V DC
 Current: 500mA/250mA
 Lock status sensor: yes
 LED: yes
 Magnet: 266L x 73W x 40.5H mm
 Armature plate: 185L x 61W x 16H mm
 Application: for high resistant swing doors, entry doors fitted with high security access control systems

Double Lock

EMC 600-2 ALH

Double electromagnetic lock with 600 lbf (2669 N) holding force per magnet, surface-mounted, with lock status sensor and red/green LED indicator, anodized aluminium finish

19860503



Holding force: 600 lbf (2669 N) x 2
 Installation: surface mounted
 Power supply: 12/24 V DC
 Current: 500mA/250mA (each magnet)
 Lock status sensor: yes
 LED: yes
 Magnet: 500L x 47.2W x 26.5H mm
 Armature plate: 185L x 38W x 12.5H mm x 2
 Application: for double-leaf internal swing doors with access control equipment which does not have to be resistant to heavy attacks

EMC 1200-2 ALH

Double electromagnetic lock with 1200 lbf (5338 N) holding force per magnet, surface-mounted, with lock status sensor and red/green LED indicator, anodized aluminium finish

19860505



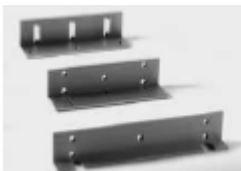
Holding force: 1200 lbf (5338 N) x 2
 Installation: surface mounted
 Power supply: 12/24 V DC
 Current: 500mA/250mA (each magnet)
 Lock status sensor: yes
 LED: yes
 Magnet: 532L x 73W x 40.5H mm
 Armature plate: 185L x 61W x 16H mm x 2
 Application: for double-leaf high resistant swing doors, entry doors fitted with high security access control systems

Accessories



L bracket

L-bracket 400	L-bracket for EMC 400 AH	19860520
L-bracket 600	L-bracket for EMC 600 ALH and EMC 600-2 ALH	19860521
L-bracket 1200	L-bracket for EMC 1200 ALH and EMC 1200-2 ALH	19860522



L+Z bracket

L+Z bracket 400	L+Z bracket set for EMC 400 AH	19860523
L+Z bracket 600	L+Z bracket for EMC 600 ALH	19860524
L+Z bracket 1200	L+Z bracket for EMC 1200 ALH	19860525



Armature plate holder

Armature plate holder 600	Armature plate holder for EMC 600 ALH	19860526
Armature plate holder 1200	Armature plate holder for EMC 1200 ALH	19860527



U bracket for glass doors

UBG-10/12 for EMC 400 AH	U-formed glass door bracket for fixing armature plate of EMC 400 AH on 10/12 mm thick glass doors	19860528
UBG-10/12 for EMC 600 ALH	U-formed glass door bracket for fixing armature plate of EMC 600 ALH on 10/12 mm thick glass doors	19860529