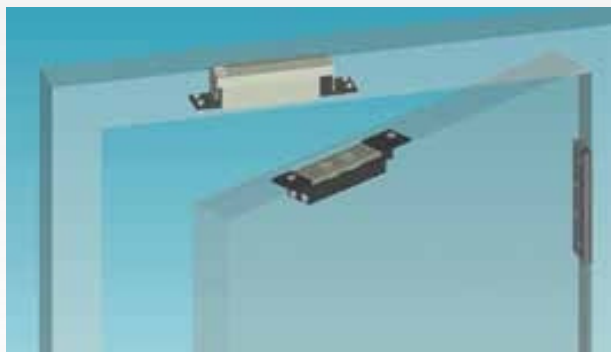


# alpro

## Compact Shearlock

### EMS1200



The Alpro EMS1200 Compact Shearlock is available in Mortice or Surface Mount models (inc. Glass Mount) and offer slimline dimensions whilst maintaining a holding force in shear of 1200kgf. Other benefits include built in PCB controller with switch selectable features and plug in 3 metre flying leads.

#### High Physical Security

Shear Holding Force 1200kgf

#### Models

Mortice and Surface Mount

#### Compact Design

Magnet - 163mm(L) x 30mm (W) x 35mm (D)  
Armature - 163mm (L) x 30mm (W) x 32mm (D)  
Surface Mount Housing (each) - 225mm (L) x 51mm (W) x 51mm (D)

#### Specification

Built in PCB Controller  
Switch selectable adjustable time delay  
0-30 secs Misalignment  
Multiple auto relock x100 3 metre flying leads

#### Fully Monitored Hall Effect

Max 24VDC@1A Door Position Switch

#### Versatile Installation

Single or Double Action Doors Mortice /  
Surface / Glass Mount

#### IMPORTANT NOTE:

THE EMS1200 COMPACT SHEARLOCK IS NOT  
SUITABLE FOR VERTICAL INSTALLATION

#### Multiple Voltage Input

Any voltage from 12VDC-10% to 24VDC +15%.  
Complete with built in transient and reverse  
polarity protection and continuously rated  
solenoid

#### Current Consumption

Volts	Current - Activate	Current - Hold
12VDC	1150mA	290mA
24VDC	1550mA	160mA

#### Max Armature Pull In

12VDC - 4mm  
24VDC - 5mm

#### Accessories

For use with Surface Mount Housings  
Aluminium Glass Mount Bracket suitable for  
10-12mm Glass, 230mm (L) x 30mm (W) x  
45mm (D) Filler Plates, 225mm (L) x 1/2/6mm  
(W) x 38mm (D)

#### CE Approved Cycle

Tested - SGS - 500k operations

## 5 YEAR GUARANTEE

## Ordering Information

### Description

Mortice Shearlock -12/24VDC Door position Switch -  
Monitored complete with on board PCB/Plug in 3m flying leads  
Surface Mount Shearlock as above complete with Surface Mount Housings x2  
Mortice Shearlock as above complete with Surface Mount Housings x1

### Code

**EMS 1200M**  
**EMS 1200S**  
**EMS 1200SM**

### Accessories

Aluminium Frameless Glass (10/12mm) Door Clamp for use with EMS 1200S,  
One per Surface Mount Housing e.g. 2 required for use with EMS 1200S  
1 required for use with EMS 1200SM  
Aluminium Filler Plate 1mm thick x1  
Aluminium Filler Plate 2mm thick x1  
Aluminium Filler Plate 6mm thick x1

**GDC 1200**  
**FP 1200 - 1**  
**FP 1200 - 2**  
**FP 1200 - 6**

### Regulated PSU/Back Up Battery

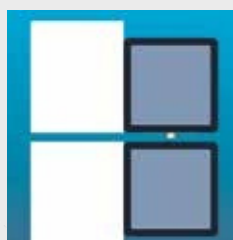
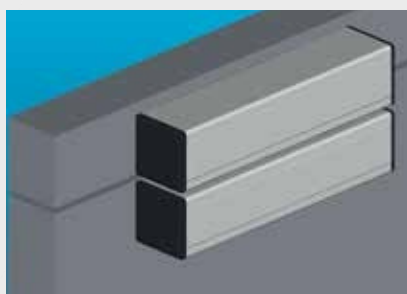
12V 2A Power Supply Unit 2  
24V 2A Power Supply Unit

**IECPSU12V2AMP**  
**IECPSU24V2AMP**

### Regulated PSU required for correct operation

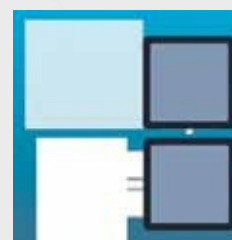
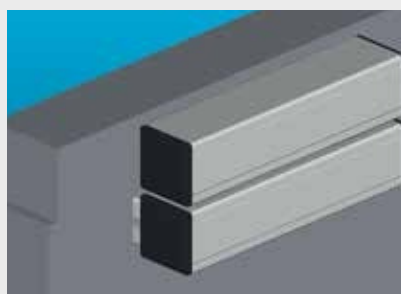
Independent DPS (Door Position Switch) required for steel door applications  
Suitable positive centring closer required on double action doors

Metal door to metal frame - flush



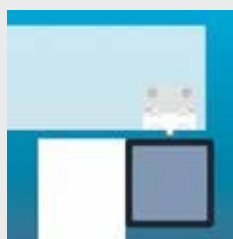
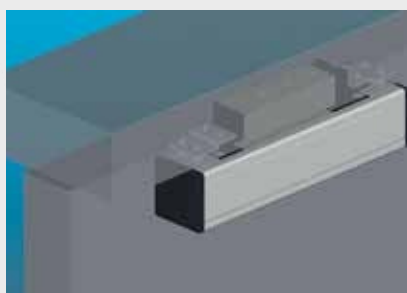
Side View

Metal door to metal frame - offset



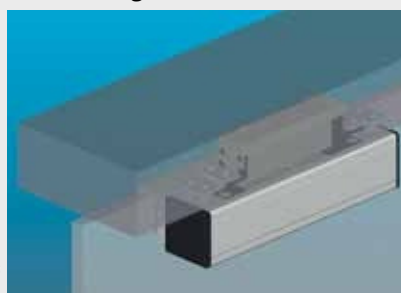
Side View

Metal door to metal frame



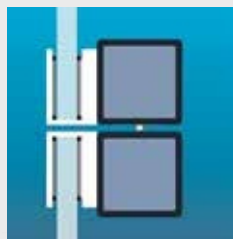
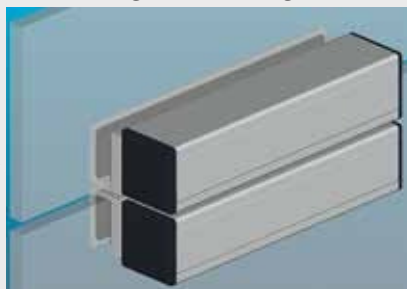
Side View

Frameless glass door to metal frame, Armature surface.



Side View

Frameless glass door to glass



Side View

SM 1200



GDC 1200



FP 1200-1/2/6

