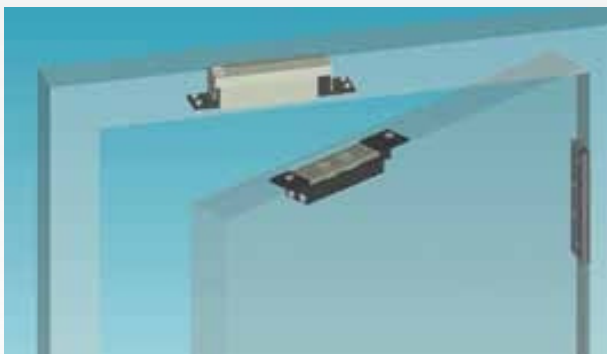


alpro

Compact Shearlock

EMS1200



The Alpro EMS1200 Compact Shearlock is available in Mortice or Surface Mount models (inc. Glass Mount) and offer slimline dimensions, include built in PCB controller with switch selectable features and plug in 3 metre flying leads.

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)

Tested - SGS - 500k operations

Compliance

- Electromagnetic Compatibility - Directive 2014/30/EU
- Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive 2011/65/EU

5 YEAR GUARANTEE

Compact Shearlock - EMS1200

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
 Alpro Surface Mount Housing Silver Anodised /Black End Caps

GDC 1200

FP 1200 - 1
FP 1200 - 2
FP 1200 - 6
SMH1200

Regulated PSU/Back Up Battery

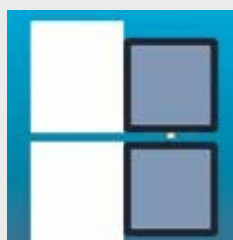
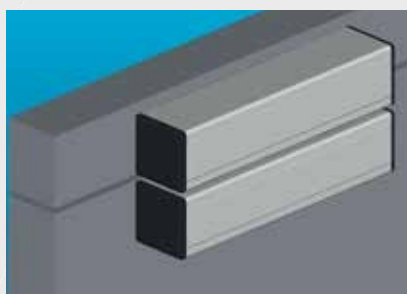
12V 2A Power Supply Unit 2
 24V 2A Power Supply Unit

IECPSU12V2AMP
IECPSU24V2AMP

Regulated PSU required for correct operation

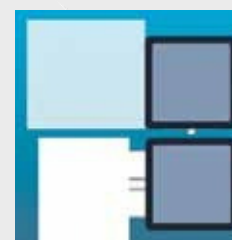
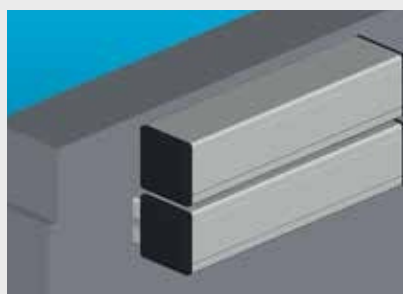
Independent DPS (Door Position Switch) required for steel door applications
 Suitable positive centring closer required on double action doors

Metal door to metal frame - flush



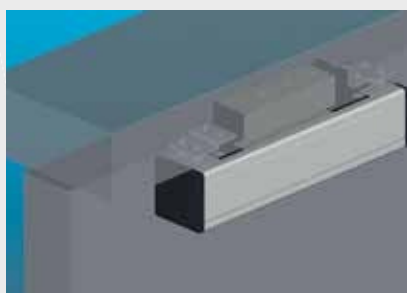
Side View

Metal door to metal frame - offset



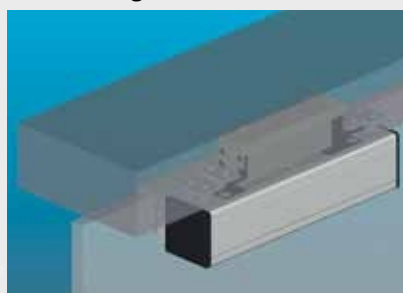
Side View

Metal door to metal frame



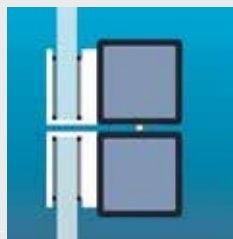
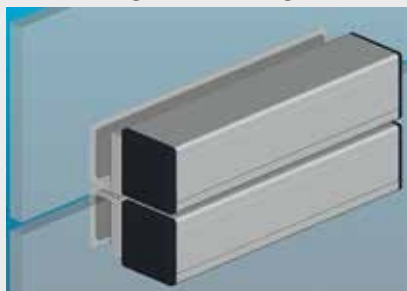
Side View

Frameless glass door to metal frame, Armature surface.



Side View

Frameless glass door to glass



Side View

SMH1200



GDC 1200



FP 1200-1/2/6

