

CSL30

The CSL30 is a self-aligning shearlock which is ideal for doors which do not always rest at the same position.

The construction of the CSL30 makes it suitable for narrow style aluminium and wooden doors - only 31.5mm wide and utilising its patented self-aligning steel bars, a holding force of 1500kg in the shear position is available.

The standard mounting method is flush, which enhances the security of the unit and does not alter the aesthetics of the door and its surroundings. An optional stainless steel surface housing is available to increase the flexibility of the unit.

Operating at 12 or 24Vdc, the shearlock acts like a magnetic lock which means there is no in-rush of current normally experienced with shearlocks - a 1A power supply is sufficient to power a CSL30 at 12Vdc, which consumes a constant 600mA.

Monitoring is standard, a changeover relay signals that power is applied and the lock is bonded.

A varistor is built in to the electronics, which eliminates back EMF and protects sensitive controlling devices such as keypads and controllers.

Overview

- Patented self-aligning feature
- Fail safe
- Monitored (lock status)
- 1500kg shear holding force
- Flush mount (optional surface housing)
- 5 year warranty



CSL30 - Technical Specifications

Product Specifications

Monitoring: NO/NC relay

Electrical Specifications

Voltage: 12 to 24Vdc

Max current: @12Vdc = 600mA, @24Vdc = 300mA

Dimensions

Dimensions - body: 230 x 27 x 31.5mm

Dimensions - armature: 230 x 37 x 30mm

Environment: -25°C to +70°C