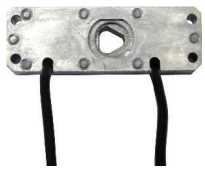


Prudhomme EN81 - 71 Landing Lock Protection Systems for Lifts

BS EN81-71 : 2005 is the European Standard for vandal resistant lifts

Section 5.3.2 sets out the requirements for a landing door security system to provide protection against severe acts of vandalism. The Prudhomme EN81-71 Landing Lock Protection System from Shorts is an intergrated package of components that completely satisfies all of the requirements of Section 5.3.2.

It provides lift companies with an ideal solution for all new lifts, modernisations or upgrade to Category 1 level.



DAV Electro Mechanical Landing Lock

The DAV is a universal landing lock protection device, suitable for most manufacturers automatic lift doors. Bespoke units are available for most leading door brands.

The DAV incorporates additional output contacts for external signals in the event of the lock being breached. Units are also available for hinged doors.



CPP Lift Engineer's Landing Lock Protection System Isolator

The CPP allows the service engineer to isolate the whole Prudhomme EN81-71 landing lock protection system. It provides 30 or 60 minutes access (determined by the installer) to the lift before reactivating the security system. The CPP is located close to the AMC150 module, and comes complete with 20mm x 20mm indentifying label.

An optional BPR reset button can be used to compliment the CPP to allow the service engineer to reset the activated CPP and reactivate the security system for occasions.



ASF Alarm

The ASF is an alarm and flashing light unit that is activated in the event of the DAV secondary landing lock being breached. One ASF should be fitted at each landing on the lift shaft wall opposite and visable from the landing entrance.

The ASF works in conjunction with a DPI inductive proximity detector fitted to each landing door and a lift car position emitter/reciever combination (EM150 on the car and RC150 at each landing)



EAM Label

100mm x 100mm; 50mm x 50mm; 25mm x 25mm labels



BPA Alarm Reset

The BPA is used to reset the security system when an alarm has been activated, it is located close to the AMC150 module.

AMC150 Integrated Landing Lock Protection System Controller

The AMC150 is a central controller for all Prudhomme EN81-71 landing lock protection systems and should be sited in the machine room, the lift controller cabinet, or in the building's emergency and inspection panel.

Its main functions include:

1. Deactivation of DAV secondary landing lock (via CPP isolator)
2. Reactivation of DAV after 30 or 60 minutes
3. Time sequence is stopped if lift is placed on inspection control or a stopping device is operated
4. Activation of ASF alarm in event of lock being breached
5. Minimum of 2 hours battery back-up of the whole Prudhomme landing security system in the event of a power cut
6. Diagnostic outputs to aid troubleshooting



Other Prudhomme lift locking options available from Shorts include; landing lock indicators, lift engineers' alarm isolators and EN81-71 compliant electromechanical car door locking systems for intergration with the AMC150 controller

**LIFT DOOR
LOCKS**

Northern Office:
PO Box 258
Bradford
West Yorkshire
BD2 1QR
Tel: 01274 305066
Fax: 01274 736212
info@shorts-lifts.co.uk

Southern Office:
26 Elmfield Road
Bromley
Kent
BR1 1WA
Tel: 0208 2281111
Fax: 0208 2281127
info@shorts-lifts.co.uk



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