Briton

DOOR CONTROLS

Overhead Closer Door Co-ordinator

6100999

Introduction

Briton double door co-ordinator for controlling the closing sequence of rebated double doors.

Mounted in conjunction with 2300 or 2700 series cam action closers, this device ensures that doors close in the correct manner to prevent the spread of fire and smoke in a building in the event of a fire.

Features & Functions

- Compatible with Briton 2320 and Briton 2720 cam action door closers
- For use on door mounted pull side applications only
- For left and right hand doors
- Suitable for closers with EN power sizes 3 - 5
- Allows full 180˚ opening angle
- Fulfills the barrier free access requirements of BS 8300
- Site adjustable
- Suitable for door leaf widths from 1350 to 2500mm (hinge centre to hinge centre)
- Cover caps conceal joints of the co-ordinator track
- Available in SES and SSS finishes
- Supplied complete with carry bar

Mounting	EN power	Max. opening	UKCA & UKCA & CE Classification
Door mount pull side	3	180˚	**3 5 3-5 1 1 3**
	4	180˚	**3 5 3-5 1 1 3**
	5	180˚	**3 5 3-5 1 1 3**

Certification

UKCA Marked to EN 1158 (1121-CPR-UK-AF7619)

CE Marked to EN 1158 (2812-CPR-AF5003)

Fire tested to EN 1634-1 for use on timber fire doors up to 2hr

Environmental Product Declaration in accordance with ISO 14025 & EN15804

DoP available at www.britondops.co.uk

Allegion (UK) Limited
35 Rocky Lane, Aston, Birmingham B6 5RQ
T: +44 (0) 330 8080 617
E: contactuk@allegion.com

ALLEGION™

www.briton.co.uk

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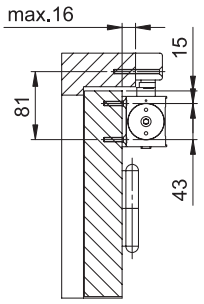
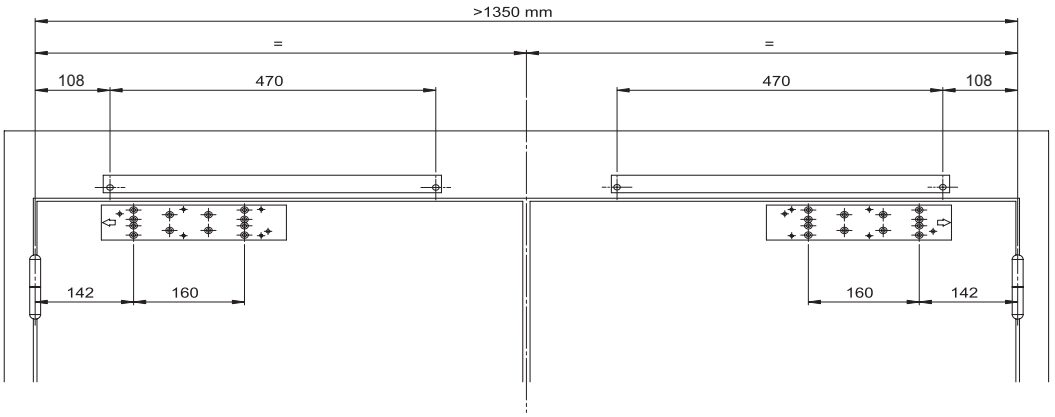
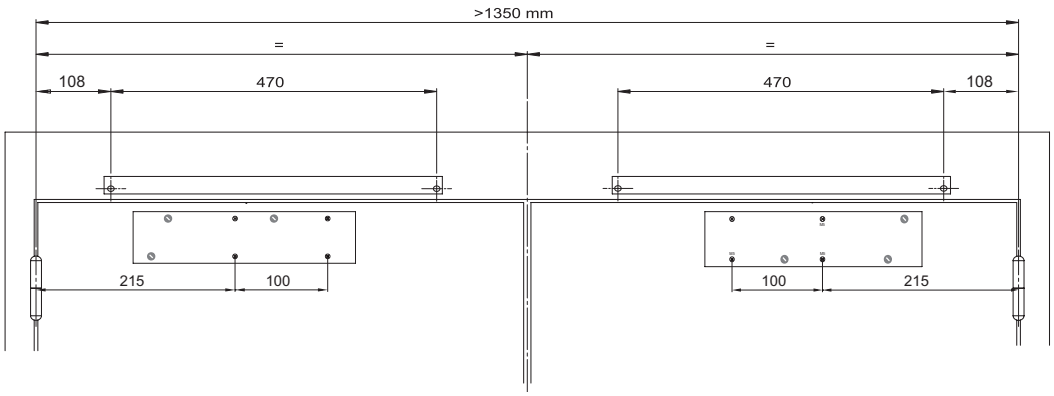
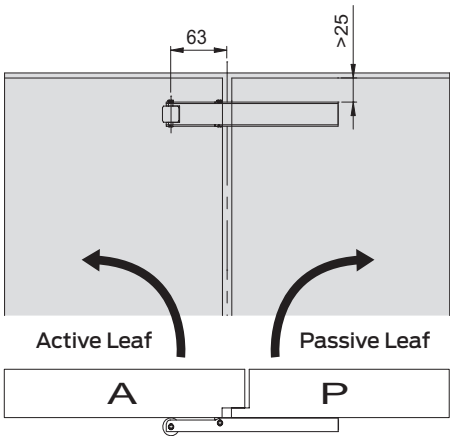


Dimensions shown in conjunction with Briton 2700 Series closers



Dimensions shown in conjunction with Briton 2300 Series closers





NOTE: Carry bar must be fitted to ensure the correct closing sequence and to maintain certification.

All dimensions are in mm

Finishes

All finish variants are supplied with matching armset and brackets.

SES
Sprayed silver

SSS
Satin stainless steel

General Maintenance

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Door controls

Allegion has identified that many problems associated with overhead door closers can be attributed directly to errors in installation rather than problems with the door closer itself. If the door is not closing properly into the frame you should first disconnect the door closer (disconnect the arm(s)) and determine that there is not an underlying problem with the door, frame or any smoke /draft seals that might be fitted.

PLEASE NOTE:

The power of the door closer should not be used to overcome problems associated with the door or other items of hardware fitted to it.

Under no circumstances should the closer body be dismantled.

Types of maintenance

Much of the routine maintenance recommended consists of a combination of visual and mechanical checks, cleaning and lubrication. Look out for the icons opposite which provide a 'quick glance' reminder of the maintenance required.

Visual checks

Primarily making a visual check on the product and surrounding door/frame looking for wear, damage, and general condition.

Functional checks

Consists of checking that the product operates properly ensuring the door can fully close without any binding or undue force required. Check that any seals or weatherstripping do not inhibit correct operation of the door

Check fixings

Fixings need to be checked regularly and tightened when necessary. Check that no projection of fixings prevents the door from swinging freely.

Lubricating

Some products will benefit from periodic lubrication using a light machine oil or as instructed.

Cleaning

Build up of grease, dust and harmful chemicals should be removed to prevent corrosion and maintain the product finish.

Accessibility

Electromagnetic door controls and low energy operators are an essential part of providing accessibility. Routine checks should be carried out to ensure continued performance.

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Closer Maintenance

WEEKLY

Release the door from the fully open position and ensure that it closes fully into the frame. Ensure the latch (if fitted) engages fully into the strike plate. Repeat the process a few times from different angles of opening to ensure the door closes consistently each time.

Check and adjust the closing and latching speeds if necessary.

Check the backcheck (if fitted) comes into operation at the desired angle and readjust if necessary.

Check the delayed action (if fitted) and adjust the time delay if necessary.

Check that the door or hardware does not come into contact with the door frame or the surrounding structure.

QUARTERLY

The fixings of the closer body and the bracket or slide track are subject to stress and should be checked carefully to make sure they are tight.

Periodically apply a little light machine oil to the moving joints of the arm and bracket or arm and slide track.

Check any fire and smoke seals to ensure they do not foul the action of the door.

Check for any loss of fluid from the door closer body which would indicate a failing device.

Clean the closer body, arms and bracket/track if necessary following the guidance on “Care of Finishes” on page 16 of the ‘Service & Maintenance Guide’.

FIRE DOOR APPLICATIONS

When installed as part of a fire precaution system the door closing mechanism, including the door selector if used on a double door arrangement, should be checked in accordance with standing periodic fire testing procedures.

Electromagnetic hold-open units should be tested weekly in accordance with the procedures described in the “fire precautions (workplace) regulations 1997” or the “fire precautions (workplace) (amendment) regulations 1999”.

Routinely check that all fixings of the closer body and bracket/track are tight.

Routine care of finishes as necessary.