

BCS2000

ADJUSTABLE



PRODUCT:

Monobloc device (adjustable for synchronising double leaf doors).

Mandatory on fire and smoke doors which must be kept open permanently or occasionally.

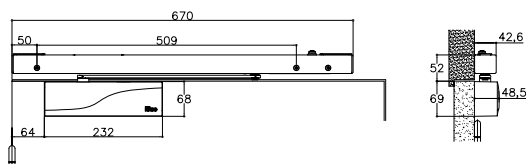
OPERATION:

The product consists of number of elements: an electromagnetic hold-open device, which keeps the doors open, and an horizontal adjustable device for synchronising door closure and ensuring that the door leaves close in the correct order.

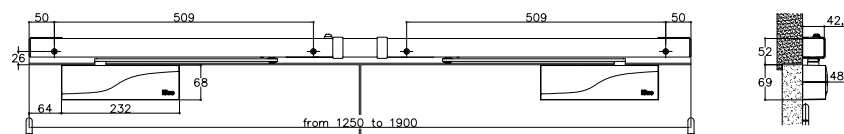
This product is designed to be connected to a fire alarm system; if a fire is detected, the doors are closed automatically by the door closer.

- Both the closing force and hold-open position of the two electromagnetic hold open devices are adjustable individually. This ensures that the doors are held open with a resistant force compliant with applicable regulations, and allows for hold-open angles of up to 150°.
- Usable to synchronise door closure, closing the secondary door leaf first and then closing the primary leaf, so that it latches correctly with the secondary leaf.
- Potential-free contacts are used to notify the fire detection system of the effective position of the doors (doors held open/doors opened or doors closed).
- A button releases the doors so that they can be closed manually without applying force. A function is available which requires the button to be rearmed before it can be used again, to ensure that the doors remain in the safe (closed) position until the fire alarm condition ceases.

BCS2000/1 + IS65



BCS2000/2 + IS65



The technical drawings are available in the instruction manual

TECHNICAL FEATURES:

Usable with door closers with closing force ratings from 3 to 5, and with up to 1250 mm in width.

Installation:
On pull side of door.
Minimum spacing between hinges:
1250 mm

Power supply :
Automatically switching dual voltage power supply (24Vdc / 48Vdc)

Consumption:
- BCS2000/1 =
1.4W 24Vdc or 2.8W 48Vdc
- BCS2000/2 =
2.4W 24Vdc or 2.8W 48Vdc

Adjustment:
- Adjustable door holding force
- Adjustable door holding angle
- Adjustable closure speed
(on door closer).

Finish:
- Silver paint finish and anodised aluminium.

RANGE:

■ BCS2000/2:

Two models are available, differing in the maximum permissible width of each door leaf.

- 380310N3 with IS65 = maximum door leaf width: 950 mm
- 380310N5 with IS315 = maximum door leaf width: 1250 mm

■ BCS2000/1: (non-adjustable)

Another two models are available for single leaf doors. In this case too, the model chosen depends on the width of the door.

- 380302N3 with IS65 = maximum door leaf width: 950 mm
- 380302N5 with IS315 = maximum door leaf width: 1250 mm

ACCESSORY:

■ DS90

A carry bar device which ensures that the leaves close in the correct order if the doors are opened incorrectly by a user pushing the fixed leaf only.

CERTIFICATION:

CE marking in accordance with the standard EN1155

| | | | | | |
|---|---|-----|---|---|---|
| 3 | 5 | 5/3 | 1 | 1 | 3 |
|---|---|-----|---|---|---|

CE marking in accordance with the standard EN1158

| | | | | | |
|---|---|-----|---|---|---|
| 3 | 5 | 5/3 | 1 | 1 | 3 |
|---|---|-----|---|---|---|

CE marking in accordance with the standard EN1154

For door closer IS65

| | | | | | |
|---|---|---|---|---|---|
| 4 | 8 | 3 | 1 | 1 | 3 |
|---|---|---|---|---|---|

For door closer IS315

| | | | | | |
|---|---|-----|---|---|---|
| 4 | 8 | 5/3 | 1 | 1 | 3 |
|---|---|-----|---|---|---|

KEY FEATURES:

- Wide maximum hold-open angle: up to 150°
- Position detection contacts included as standard: providing door open and door closed status information (C, NO, NC)
- Power feed inlet configurable on either side, aligned with hinges.
- Automatically switching dual power feed, for power supply voltages of 24Vdc / 48Vdc
- Rearm button (deactivatable) and release button included as standard.
- Triple protection for electronic circuit board:
 - a. Overvoltage protection (protects in case of power loss or accidental connection to mains voltage)
 - b. Short circuit protection (protects in case of electrical product malfunction)
 - c. Protection with 2 diode self-oscillating circuit. Redundant door hold function with suction device.
- May be configured to operate in time mode.
- Easy to install, with only 2 profiles to cut of the same length.