## Description

dormakaba Argus 40 Series Compact Modular Automatic Sensor Barrier System



## Product Summary

Argus 40 is a 1200mm compact modular automatic sensor barrier system ideal for internal applications where space is limited.

## Certification

| | |
|---|---|
| European Norm | No Harmonised European Norm |
| Product Classification | n/a (No Harmonised European Norm) |
| EC Certificate of Conformity No. | n/a (No Harmonised European Norm) |
| Certifire No. | n/a |
| Declaration of Performance | n/a (No Harmonised European Norm) |
| Other Test Evidence | n/a |

## BIM Assist™

## BC(A)R Assist™*

| Guarantee | 1 Year |
|---|---|
| Last Reviewed | 19/08/2019 |

* ROI Only

## Description

dormakaba Argus 40 Series Compact Modular Automatic Sensor Barrier System

**Features**

- Compact automatic sensor barrier system
- Suitable for internal applications and perhaps where space is limited
- Modular system that provides purist aesthetics & multiple design possibilities
- Typically integrates with an access control system via its flush mounted scanner, mounted in the handrail. The scanner can be concealed below the glass with action area defined by an illuminated icon
- Operation: Basic position closed, once authorised, the door leaves open in the direction of travel, then close again
- Taller door leaves options increases security
- Guidance option of Illuminated RFID Icon in white, red and green
- Safety level 0. Simple sensors in the leg area monitors activity in both directions. This includes detection of entry from opposite direction
- Advanced Secure Separation Sensor Option: This option limits passage to exactly one person walking through, allowing for those with suitcases and / or wheelchair users
- Emergency Exit Option: Doors to move to open position in the event of fire alarm activation
- Power Safety: Door leaves move freely in the event of power failure

**Technical Characteristics**

- Interlock Height: 900mm
- Interlock Length: 1,200mm
- Passage Width: 650mm
- Total Width: 1,060mm
- Upper Edge Door Leaf Height: 990mm
- Components
  - Blocking Elements: Two door leaves made of transparent polycarbonate, upper edge at 990 mm
  - Housing, base columns, guiding elements: Aluminium profile and inlay elements in the hand rail and in the front of the side panels
  - Sensors: Horizontal configuration in leg area
  - Drives: Integrated in the swing tube. Type 2, power- assisted motion; two servo- positioning drives. Electrically controlled in both directions
  - Control System: Integrated in the unit
  - Power Supply: Integrated in the unit, 100-240 VAC, 50/60 Hz, 300 VA. 17VA of standby power consumption
  - Installation: Internal use only

**Options**

- Lanes: Single, Twin, Triple, Quadruple, other combinations available
- Extended Passage Width: 900mm or 915mm
- Extended Door Height
  - Drive height extends to 850mm
  - Upper edge leaf height extends to
    - Polycarbonate: H1,200mm x D10mm
    - ESG Safety Glass: H1,400mm x D10mm, H1,600mm x D10mm or H1,800mm x D10mm
  - Drive height extends to same height as door leaf
  - Upper edge leaf height extends to
    - Polycarbonate: H1,200mm x D10mm, H1,400mm x D10mm, H1,600mm x D10mm or H1,800mm x D10mm
- Scanner Options:
  - Flush mounted RFID scanner mounted in the handrail
  - Handrail concealed RFID scanner behind 6mm ESG Safety Glass. Action area defined by an illuminated icon
  - Surface mounted RFID scanner in the vertical surface, suitable for wheelchair users. Positioned at 850mm
- User Guidance: Illuminated RFID Icon in white, red and green
- Emergency Exit / Escape Route: STV-ETS module allows for the doors to move to open position in the event of fire alarm activation
- The Saferoute Control Unit (SCU) on or near the system activates the emergency exit and escape route func-tion, and the key-switch and emergency exit and escape route switches can be integrated. The SCU can also be actuated via the fire alarm system
- Secure Separation Sensor: This option provides an additional vertical sensor strip. This allows for better identification and limits passage to exacly one person walking through. This smart sensor allows for those with suitcases and also wheelchair users. This sensor also detects entry from the wrong direction

**Variable Passage Width & Taller Doors**

- The passage width can be increased as an option, to barrier free 915mm for wheelchair users, material transport etc. The system can provide additional control of this feature by assigning 915mm, or the standard 650mm to user groups using RFID access. This is achieved by opening fully, or restricting the door opening angle
- For a greater level of security, doors with a 1,800 mm upper edge height can be used. There is a further optional extended drive column (not illustrated) as an additional security barrier

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**RFID Scanner Module**

- The subtly concealed scanner unit defines the action area with nothing more than an illuminated icon. The prevalent RFID scanner formats can be fitted easily
- A scanner can be installed completely seamlessly, behind glass that protects it and leaves no traces of use even after thousands of entries.
- The maximum dimensions: 150 mm long, 90 mm wide and 30 mm deep. The typical dormakaba RFID Icon indicates the scanner position



**Smart Emergency Unlocking (STV-ETS) and / or Saferoute Control Unit (SCU)**

- The system's locking device is released via the STV--ETS control unit. The door leaves become freely mobile and can be opened in an emergency or rescue situation. They remain in the open position. When the emergency exit and escape route function is activated, a signal is sent to the build-ing technology The STV-ETS can also be actuated via the fire alarm system.
- The illustrated Saferoute Control Unit (SCU) on or near the system activates the emergency exit and escape route func-tion, and the key-switch and emergency exit and escape route switches can be integrated. The SCU can also be actuated via the fire alarm system



**Design Suggestions - Argus 40 Standard Digital Silver - Configuration 40/001**

- KCC Architectural / dormakaba Argus 40 Series Compact Modular Automatic Sensor Barrier System. Passage Width 650, Upper Edge Door Leaf Height 990 - Configuration 001.
    - Profile / Drive Unit: Silver N 600. Inlay: White P 100. Scanner Unit: Glass White G810. Panel: Glass Clear G 800. Swing Door: Polycarbonate Clear G801

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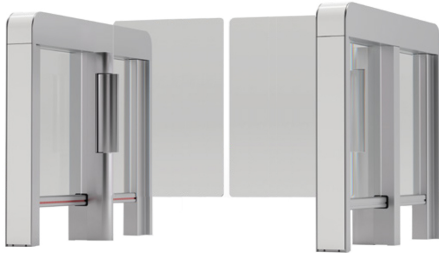
**Design Suggestions - Argus 40 Accessible Digital Silver - Configuration 40/002**

- KCC Architectural / dormakaba Argus 40 Series Compact Modular Automatic Sensor Barrier System. Passage Width 915, Upper Edge Door Leaf Height 990 - Configuration 002.
    - Profile / Drive Unit: Silver N 600. Inlay: White P 100. Scanner Unit: Glass White G810. Panel: Glass Clear G 800. Swing Door: Polycarbonate Clear G801

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## Specification Text

SENSOR BARRIER / TURNSTILE
· Manufacturer:  KCC Group / dormakaba
- Product reference:  KAB-ARGUS40
· Type:  Compact Modular Automatic Sensor Barrier System
· Lanes: [SPECIFY SINGLE/TWIN/TRIPLE/QUADRUPLE/OTHER]
· Interlock height: 900mm
· Interlock length: 1200mm
· Total width: 1060mm
· Clear passage width: [SPECIFY 650/900/915]mm
· Upper edge leaf height: [SPECIFY 990/1200/1400/1600/1800]mm
· Leaf material: [SPECIFY POLYCARBONATE / ESG GLASS]
· Blocking Elements: Two door leaves
· Housing, base columns, guiding elements:  Aluminium profile and inlay elements in the handrail and in the front of the side panels
· Sensors: Horizontal configuration in leg area
· Scanner (select from):
    + Flush mounted scanner mounted in the handrail / handrail.
    + Concealed RFID scanner behind 6mm ESG safety glass. Action area defined by an illuminated icon.
    + Surface mounted scanner in the vertical surface, suitable for wheelchair users. Positioned at 850mm
· Emergency exit: [SPECIFY OPTIONAL STV-ETS MODULE / SCU SAFE ROUTE CONTROL UNIT]
· Anti-tailgate: [SPECIFY OPTIONAL SECURE SEPARATION SENSOR]
· Drives: Integrated in the swing tube. Type 2, power- assisted motion; two servo- positioning drives. Electrically controlled in both directions.
· Control System: Integrated in the unit
· Power Supply: Integrated in the unit, 100 - 240 VAC, 50/60 Hz, 300 VA. 17VA of standby power consumption
· Installation: Internal use only

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