

HANDYTECH DA

Half Height Special Needs Gate

for indoor applications

HANDYTECH DA electro-mechanical drop arm barrier is custom -manufactured to replace the standard swing paraplegic gate. This gate is also suitable for pedestrians, and bicycles, and acts as an emergency exit. This barrier can be operated with a push - button or card reader, with a beam -closing facility.

HANDYTECH DA is engineered for long term reliability, fast on-site maintenance and durability.

AVAILABLE CONFIGURATIONS

- **HANDYTECH DA** – retractable arm into steel housing



Typical areas of application include:

Leisure & Entertainment | Education | Finance and Banking | Industrial Sites | Government Sites | Mining | Stadia | Transport & Logistics | Construction Sites | Public Ablutions

Alltech Vehicle Barriers & Turnstiles Solutions also feature:

Boom and Spike Barriers | Bollards | Fast Folding Gates | Road and Rated Wedge Blockers | Full Height Turnstiles | Tripod Turnstiles | Revolving Doors | Security Booths | Special Needs Access Gates

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For a safer world

ELECTRICAL DATA & CONDITIONS OF USE

POWER	<ul style="list-style-type: none">▪ Power Supply: 230Vac 50Hz▪ Power Consumption: 80W
LOGIC / SOLENOID VOLTAGE	<ul style="list-style-type: none">▪ 24VDC
FIRE SIGNAL	<ul style="list-style-type: none">▪ Input for voltage free contact
OPERATING TEMPERATURES	<ul style="list-style-type: none">▪ -10°C to +45°C▪ RH 95% no condensing
EMC COMPLIANCE	<ul style="list-style-type: none">▪ According to CE – IP34

SYSTEMS INTEGRATION & ACCESS SPECIFICATIONS

MOTOR	<ul style="list-style-type: none">▪ Torque Motor
SYSTEMS INTEGRATION	<ul style="list-style-type: none">▪ Integrates with any access control and time & attendance systems with 0 voltage input▪ 0V inputs provided for entry and exit directions of passage▪ 0V latching input provided for control of both simultaneous and individual entry and exit direction
FLOW RATES <i>Guideline only dependent on access control installation</i>	<ul style="list-style-type: none">▪ Insertion Type Reader: 15 passages / mn▪ Swipe Type Reader: 18 passages / mn▪ Proximity Type Reader: 20 passages / mn
DISABLED ACCESS	<ul style="list-style-type: none">▪ Yes
EMERGENCY EGRESS	<ul style="list-style-type: none">▪ In the event of power failure or fire alarm, the HANDYTECH DA may be configured to fail-safe i.e. the horizontal arm drops to create passage for evacuation

INSTALLATION & MAINTENANCE

PRODUCT DELIVERY	<ul style="list-style-type: none">▪ Fully assembled or in a kit form. Choice to be specified at time of order placement.
SITE PREPARATION	<ul style="list-style-type: none">▪ Flat and leveled finished floor +/- 5mm
CABLING & CONDUITS	<ul style="list-style-type: none">▪ Trough the ground or through the wall approx.
LOGIC ACCESS	<ul style="list-style-type: none">▪ Housed into top channel with lockable lid
MAINTENANCE ACCESS	<ul style="list-style-type: none">▪ Top channel access
MTTR <i>Mean Time To Repair</i>	<ul style="list-style-type: none">▪ Approx. 30mn
MCBF <i>Mean Cycle Between Failure</i>	<ul style="list-style-type: none">▪ 2 million

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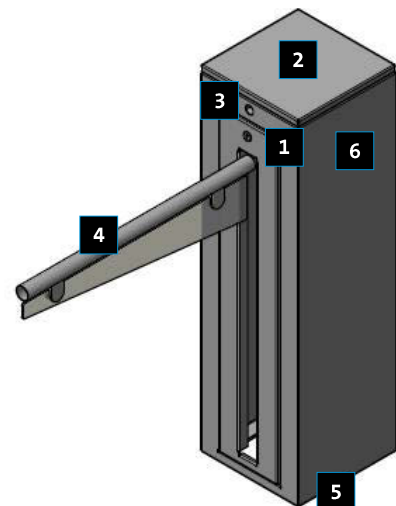
MECHANICAL AND DESIGN OPTIONS

ROTATION MECHANISM	<ul style="list-style-type: none"> ▪ Electronically controlled bi-directional ▪ Free rotation
ARM DESIGN	<ul style="list-style-type: none"> ▪ 38mm Round stainless steel tubing with Perspex skirt
LOCKING	<ul style="list-style-type: none"> ▪ In the event of power failure or fire alarm, the HANDYTECH DA may be configured to fail-safe i.e. the horizontal arm drops to create passage for evacuation ▪ Rotor freely rotates
FINISHES OPTIONS	<ul style="list-style-type: none"> ▪ Brushed 304 stainless steel. <i>Suitable for corrosive environment applications with adequate cleaning program</i> ▪ <i>For improved durability in corrosive environment applications with adequate cleaning program</i>
ACCESSORIES	<ul style="list-style-type: none"> ▪ Single / dual push button (supplied mounted or non-mounted) ▪ Access control reader mounting brackets available in various dimensions.

PRODUCT OVERVIEW

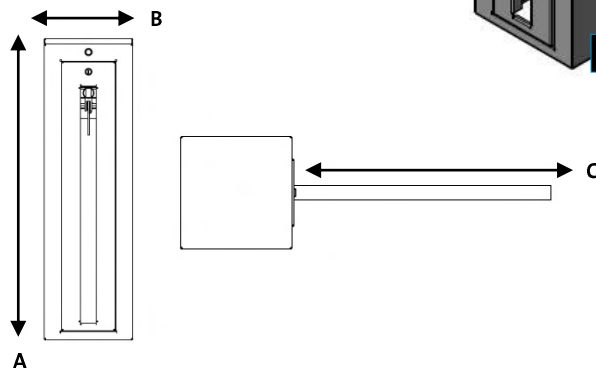
INDEX KEY

- | | |
|---|--|
| 1 Electro-mechanical head system | 5 Wiring entry points |
| 2 Top channel lockable lid | 6 Access control reader mounting position |
| 3 Mechanical key overrides | |
| 4 38mm Steel Tubing horizontal drop arm with Perspex skirt | |



DIMENSIONS & WEIGHT

A: OVERALL HEIGHT	▪ 1060mm
B: OVERALL WIDTH	▪ 310mm
C: WALKWAY WIDTH	▪ 868mm
NET WEIGHT	▪ Approx. 45kg





ALLTECH RELIABILITY

Picking the optimum entrance control solution is a process based on close cooperation with our customers – all the way from **needs analysis**, **production**, to **implementation** and **service**

From Analysis to Proposal

- Needs analysis forms the basis of a tailored proposal
- Specified both for the overall solution and for individual areas of the site
- Fully compliant with all local regulations


Installation, Testing, Training

- Monitoring and implementing every installation
- Completion programme of functional reliability checks to ensure the equipment is safe
- Documenting each stage of the installation process
- Initiating start-up phase whilst focusing on training of relevant staff

Operation and Maintenance

- Initiating procedures for operation and maintenance
- Offering adequate Maintenance Plans or Service Level Agreements

With Alltech, a brand of the Gunnebo Security Group, a safe and reliable entrance control system is ready for round-the-clock use.



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