AUTOMATIC SWING DOORS

DFA127 / overhead door automation



A familiar entrance.
An easier way through.

Automation for suitable new and existing hinged doors, coordinated with activation, protective sensing and locking. Supplied, installed and maintained by Sentry Automation.

Technical basis: Record DFA127 UK datasheet + product page

0113 403 5583 enquiries@sentryautomation.co.uk sentryautomation.co.uk

02 / DRIVE & OPERATING DATA

DFA127.
Define the installation.

QUIET, PROGRAMMABLE OPERATION

An electromechanical overhead operator for single and paired doors. Adjustable spring force and programmable movement support different door sizes and uses.



Closer size	EN4-EN6 with standard or slide arm.
Opening / closing	3-20s / 5-20s.
Opening angle	70-115°; Inverse up to 95°.
Hold-open setting	0-60s on the product page.
Supply / power	230V AC, 50 / 60Hz; 67W rated / 13W standby.
Casing	Datasheet: 85 × 124 × 600mm (H × D × L). Product page also lists 108mm-high and 126mm-deep options.
Maximum recess	Push 330mm / pull 200mm; confirm selected arm and mounting detail.
Environment	IP20; -15°C to +50°C; up to 85% RH, non-condensing.
Standard modes / BDI	Automatic, continuously open, manual.
Optional BDE-D modes	Adds locked, one-way traffic and operation lock.

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03 / CAPACITY & MOUNTING

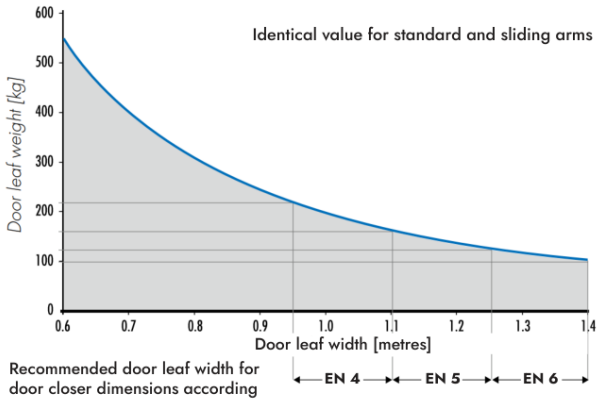
Check the leaf.
Check the geometry.

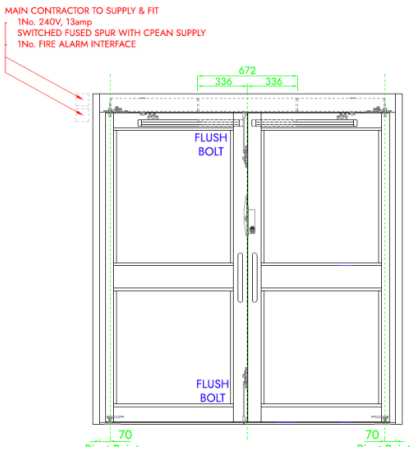
FULL POWER / LOW ENERGY / INVERSE

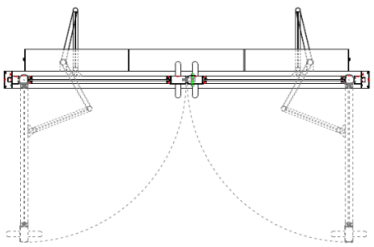
Full Power and Low Energy settings address different operating needs. Inverse is a separate function choice; confirm power-loss behaviour and the required control sequence before selecting it.

LEAF WIDTH & MASS

Use the manufacturer's chart for the selected door width, mass and closer size. It gives the same plotted envelope for standard and sliding arms; it does not replace checks on mounting geometry and site resistance.







SINGLE OR PAIRED

Confirm handing, arm, reveal, fixing structure, closing sequence and locking. Paired leaves require coordination with rebates and escape hardware.

Original manufacturer chart and generic mounting illustrations. Do not scale. The supplied double-door Revit family is a design resource; use an approved project layout for installation.

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04 / ACCESSORIES & SPECIFICATION

Complete the entrance. Coordinate every function.

BDE-D	Electronic mode selection and programming.
BLS60	Touchless opening request.
DFA127 battery backup	Optional backup; define the required operation during power loss.
RC SWING	Active-infrared protective sensor for the moving swing leaf.
Finish	Standard stainless steel; optional powder-coated aluminium, with over 200 RAL colours listed.

INFORMATION FOR AN ACCURATE QUOTATION

Door survey	Leaf size / mass, handing, hinges, reveal depth, frame strength, latch and manual resistance.
Movement & users	Opening arc, approach space, traffic, mobility needs and protective sensing.
Control sequence	Activation, lock release, paired-leaf timing, modes, power failure and fire / escape interfaces.
Installation scope	Power, containment, fixing support, making good, commissioning and maintenance.

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Fire and escape use requires the exact assessed doorset, operator and sensor arrangement. Record's datasheet and product page are the technical sources; images are manufacturer examples, not Sentry project photographs. Final supply follows the approved schedule and quotation.

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